

FOXF2 Antibody

Catalog No: #48294

Package Size: #48294-1 50ul #48294-2 100ul

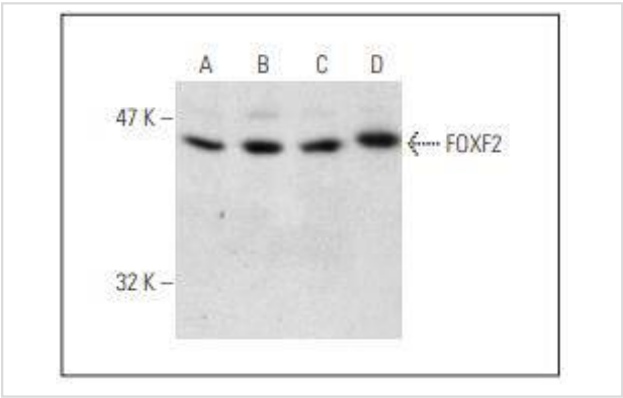
Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | FOXF2 Antibody                                                                                                                                                                                                                                                                                                                                                                                              |
| Host Species          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                       |
| Clonality             | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clone No.             | 3G1                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purification          | ProA affinity purified                                                                                                                                                                                                                                                                                                                                                                                      |
| Applications          | WB, IP, IF                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species Reactivity    | Hu, Ms                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen Description | Recombinant FOXF2 of human origin.                                                                                                                                                                                                                                                                                                                                                                          |
| Conjugates            | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                |
| Other Names           | FKH L6 antibody FKHL 6 antibody FKHL6 antibody Forkhead box F2 antibody Forkhead box protein F2 antibody Forkhead like 6 antibody Forkhead related activator 2 antibody Forkhead related protein FKHL6 antibody Forkhead related transcription factor 2 antibody Forkhead, Drosophila, homolog-like 6 antibody FOX F2 antibody FOXF 2 antibody FREAC 2 antibody FREAC2 antibody OTTHUMP00000017863 antibody |
| Accession No.         | Swiss-Prot#:Q12947                                                                                                                                                                                                                                                                                                                                                                                          |
| Calculated MW         | 40 kDa                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formulation           | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.                                                                                                                                                                                                                                                                                                                                        |
| Storage               | Store at -20°C                                                                                                                                                                                                                                                                                                                                                                                              |

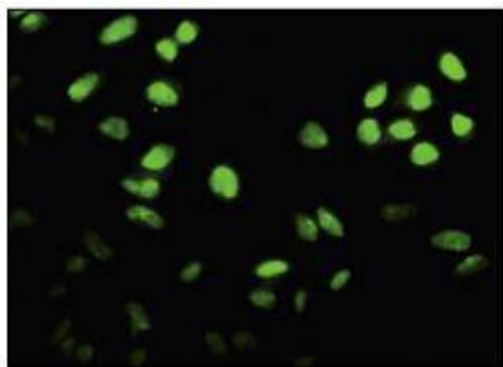
Application Details

WB: 1:100-1:1,000IP: 1-2 µg per 100-500 µg of total protein(1 ml of cell lysate) IF 1:50-500

Images



Western blot analysis of FOXF2 expression in HepG2 (A), HeLa (B), A549 (C) and THP-1 (D) nuclear extracts.



Immunofluorescence staining of paraformaldehyde-fixed HeLa cells showing nuclear localization.

## Background

The FOX family of transcription factors share a common DNA binding domain termed a winged-helix or forkhead domain. Many FOX proteins play important roles in development, metabolism, cancer and aging. Development of the vertebrate gut is controlled by paracrine crosstalk between the endodermal epithelium and the associated splanchnic mesoderm. FOXF2 (forkhead box F2), also known as FKHL or FREAC2, is expressed in lung and placenta, and has been shown to transcriptionally activate several lung-specific genes. FOXF2 interacts with transcription factors TFIIIB and TBP, and may be involved in regulating transcription in embryogenesis and pattern formation in multicellular organisms. FOXF2-deficient mice develop cleft palate and an abnormal tongue, which suggests that FOXF2 may be critical for palatogenesis.

## References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.