

HOXB5 Rabbit Polyclonal Antibody

Catalog No: #55432

Package Size: #55432-1 50ul #55432-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

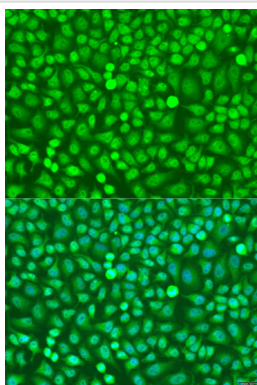
Description

Product Name	HOXB5 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human HOXB5 (NP_002138.1).
Conjugates	Unconjugated
Other Names	HOXB5;HHO.C10;HOX2;HOX2A;HU-1;Hox2.1
Accession No.	Swiss Prot:P09067GenelD:3215
Calculated MW	29kDa
SDS-PAGE MW	29kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

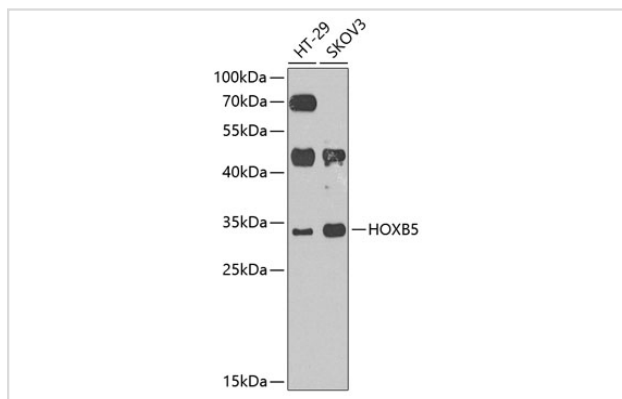
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

Images



Immunofluorescence analysis of U2OS cells using HOXB5 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using HOXB5 at 1:1000 dilution.

Background

This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in lung and gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue.

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