

TGIF1 Rabbit Polyclonal Antibody

Catalog No: #54339

Package Size: #54339-1 50ul #54339-2 100ul

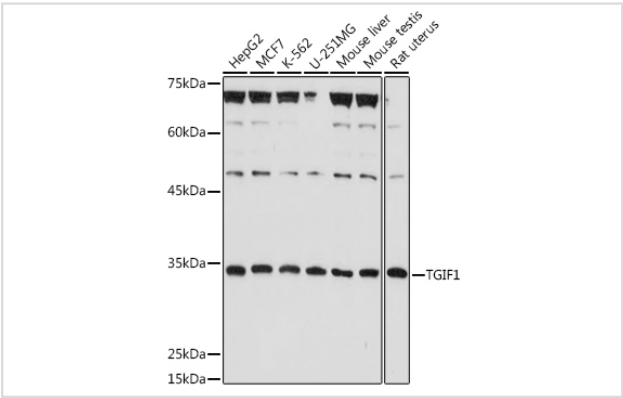
Description

Product Name	TGIF1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human TGIF1 (NP_003235.1).
Conjugates	Unconjugated
Other Names	TGIF1;HPE4;TGIF
Accession No.	Uniprot:Q15583GeneID:7050
Calculated MW	—
SDS-PAGE MW	35KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using TGIF1 antibody.

Background

The protein encoded by this gene is a member of the three-amino acid loop extension (TALE) superclass of atypical homeodomains. TALE homeobox proteins are highly conserved transcription regulators. This particular homeodomain binds to a previously characterized retinoid X receptor responsive element from the cellular retinol-binding protein II promoter. In addition to its role in inhibiting 9-cis-retinoic acid-dependent RXR alpha transcription activation of the retinoic acid responsive element, the protein is an active transcriptional co-repressor of SMAD2 and may participate in the

transmission of nuclear signals during development and in the adult. Mutations in this gene are associated with holoprosencephaly type 4, which is a structural anomaly of the brain. Alternative splicing has been observed at this locus and multiple splice variants encoding distinct isoforms are described.

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