antibodies - online.com







anti-TGIF1 antibody (AA 145-174)



Image



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	view
OVC	VICVV

Quantity:	400 μL
Target:	TGIF1
Binding Specificity:	AA 145-174
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGIF1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This TGIF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 145-174 amino acids from the Central region of human TGIF1.
Clone:	RB14111
Isotype:	Ig Fraction
Predicted Reactivity:	С
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	TGIF1

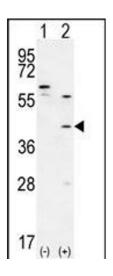
Target Details

Alternative Name:	TGIF1 (TGIF1 Products)
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 eight
	variants, encoding four distinct isoforms, are described.
Molecular Weight:	43013
Gene ID:	7050
NCBI Accession:	NP_001265611, NP_001265613, NP_001265615, NP_003235, NP_733796, NP_775299,
	NP_775300, NP_775301, NP_775302, NP_775303, NP_777480
UniProt:	Q15583
Pathways:	Retinoic Acid Receptor Signaling Pathway, Chromatin Binding, Tube Formation
Application Details	
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small
	aliquots to prevent freeze-thaw cycles.

Expiry Date:

6 months

Images



Western Blotting

Image 1. Western blot analysis of TGIF1 (arrow) using rabbit polyclonal TGIF1 Antibody (Center) (ABIN656000 and ABIN2845379). 293 cell lysates (2 μ g/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TGIF1 gene.