Rabbit anti-Human TGIF2 Polyclonal Antibody | anti-TGIF2 antibody

TGIF2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287473	**Rabbit**	**Human**	**Western Blot, ELISA, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

TGIF2; Polyclonal Antibody; TGIF2 Antibody (C-term); Homeobox protein TGIF2; 5'-TG-3'-interacting factor 2; TGF-beta-induced transcription factor 2; TGFB-induced factor 2; anti-TGIF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TGIF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 171-199 amino acids from the C-terminal region of human TGIF2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	171-199
Sequence Length	237
Applicable Applications for anti-TGIF2 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

FCM/FACS (Flow Cytometry)
TGIF2 Antibody (C-term) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

WB (Western Blot)
TGIF2 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the TGIF2 antibody detected the TGIF2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TGIF2 antibody	The protein encoded by this gene is a DNA-binding homeobox protein and a transcriptional repressor. The encoded protein appears to repress transcription by recruiting histone deacetylases to TGF beta-responsive genes. This gene is amplified and overexpressed in some ovarian cancers, and mutations in this gene can cause holoprosencephaly.
Product Categories/Family for anti-TGIF2 antibody	Crown Antibodies; Cancer
References	Watanabe, T., et al. Jpn. J. Cancer Res. 93(10):1114-1122(2002) Deloukas, P., et al. Nature 414(6866):865-871(2001) Melhuish, T.A., et al. J. Biol. Chem. 276(34):32109-32114(2001) Imoto, I., et al. Biochem. Biophys. Res. Commun. 276(1):264-270(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	313747517
NCBI GeneID	60436
NCBI Accession #	NP_001186442.1; NP_001186443.1; NP_001186444.1; NP_001186464.1; NP_068581.1
NCBI GenBank Nucleotide #	NM_001199513.1
UniProt Accession #	Q9GZN2; B2R9U3; E1P5T9; H0YNI0
Molecular Weight	25878
NCBI Official Full Name	homeobox protein TGIF2
NCBI Official Synonym Full Names	TGFB-induced factor homeobox 2
NCBI Official Symbol	TGIF2
NCBI Protein Information	homeobox protein TGIF2
UniProt Protein Name	Homeobox protein TGIF2
UniProt Gene Name	**TGIF2**
UniProt Synonym Gene Names	TGFB-induced factor 2
UniProt Entry Name	TGIF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/tgif2-antibody-western-blot-flow-cytometry-elisa/287473