

Rabbit anti-Human, Mouse TWF1 Polyclonal Antibody | anti-TWF1 antibody

TWF1 Antibody (Center)

CATALOG # AAA290600	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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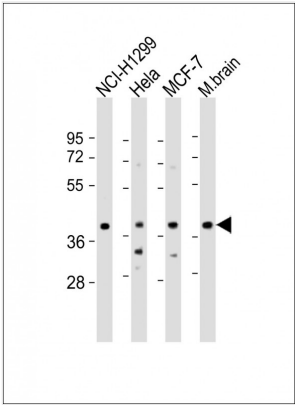
PRODUCT SYNONYMS

TWF1; Polyclonal Antibody; TWF1 Antibody (Center); Twinfilin-1; Protein A6; Protein tyrosine kinase 9; PTK9; anti-TWF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Ig
Specificity	This TWF1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 201-235 amino acids from the Central region of human TWF1.
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.
Sequence Length	357
Applicable Applications for anti-TWF1 antibody	WB (Western Blot)
Function	Actin-binding protein involved in motile and morphological processes. Inhibits actin polymerization, likely by sequestering G-actin. By capping the barbed ends of filaments, it also regulates motility. Seems to play an important role in clathrin-mediated endocytosis and distribution of endocytic organelles (By similarity).
Cellular location	Cellular Location Cytoplasm. Cytoplasm, cytoskeleton. Note=Diffuse cytoplasmic localization with perinuclear and G-actin-rich cortical actin structures sublocalization. Also found at membrane ruffles and cell-cell contacts (By similarity).
Tissue location	Tissue Location Expressed at high levels in the colon, testis, ovary, prostate and lung. Expressed at lower levels in the brain, bladder and heart. Not detected in liver.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks.. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
All lanes : Anti-TWF1 Antibody (Center) at 1:2000 dilution
Lane 1: NCI-H1299 whole cell lysate
Lane 2: Hela whole cell lysate
Lane 3: MCF-7 whole cell lysate
Lane 4: mouse brain lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 40 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TWF1 antibody	Actin-binding protein involved in motile and morphological processes. Inhibits actin polymerization, likely by sequestering G-actin. By capping the barbed ends of filaments, it also regulates motility. Seems to play an important role in clathrin-mediated endocytosis and distribution of endocytic organelles (By similarity).
Product Categories/Family for anti-TWF1 antibody	Signal Transduction
References	Beeler J.F.,et al.Mol. Cell. Biol. 14:982-988(1994). Ota T.,et al.Nat. Genet. 36:40-45(2004). Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases. Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	334848198
NCBI GeneID	5756
NCBI Accession #	NP_001229326.1
NCBI GenBank Nucleotide #	NM_001242397.1
UniProt Accession #	Q12792; Q59G07; Q5U0B1; Q6FHJ1; Q6FHL6; Q6NUK9; Q86XL6; Q8TCD3; A8K5A8; B3KXS6; B4DLX9
Molecular Weight	40283
NCBI Official Full Name	twinfilin-1 isoform 1
NCBI Official Synonym Full Names	twinfilin actin binding protein 1
NCBI Official Symbol	TWF1
NCBI Official Synonym Symbols	A6; PTK9
NCBI Protein Information	twinfilin-1
UniProt Protein Name	Twinfilin-1
UniProt Gene Name	TWF1
UniProt Synonym Gene Names	PTK9
UniProt Entry Name	TWF1_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/twf1-antibody-western-blot-elisa/290600>