

### TWF1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21741c

# **Specification**

### TWF1 Antibody (Center) - Product Information

Application WB,E
Primary Accession Q12792
Reactivity Human
Host Rabbit
Clonality polyclonal
Isotype Rabbit IgG
Calculated MW 40283

# TWF1 Antibody (Center) - Additional Information

#### **Gene ID 5756**

#### **Other Names**

Twinfilin-1, Protein A6, Protein tyrosine kinase 9, TWF1, PTK9

### Target/Specificity

This TWF1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 137-171 amino acids from the Central region of human TWF1.

#### **Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

#### **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.

## **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.

#### **Precautions**

TWF1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### TWF1 Antibody (Center) - Protein Information

#### Name TWF1

# **Synonyms PTK9**

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**

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**

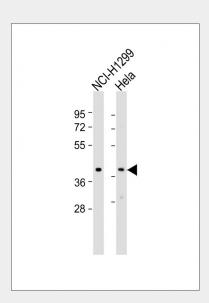
Expressed at high levels in the colon, testis, ovary, prostate and lung. Expressed at lower levels in the brain, bladder and heart. Not detected in liver.

### TWF1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# TWF1 Antibody (Center) - Images



All lanes: Anti-TWF1 Antibody (Center) at 1:2000 dilution Lane 1: NCI-H1299 whole cell lysate Lane 2: Hela whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit lgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### TWF1 Antibody (Center) - Background

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





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regulates motility. Seems to play an important role in clathrin-mediated endocytosis and distribution of endocytic organelles (By similarity).

# **TWF1 Antibody (Center) - 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.