

Datasheet for ABIN712166
anti-TWF1 antibody (pTyr321)



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Overview

Quantity:	100 µL
Target:	TWF1
Binding Specificity:	pTyr321
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TWF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human TWF1 around the phosphorylation site of Tyr321
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	TWF1
Alternative Name:	PTK9 (TWF1 Products)

Target Details

Background:	Synonyms: PTK9 Tyr321, PTK9 Y321, p-PTK9 Tyr321, p-TWF1Y321, A6, A6 protein tyrosine kinase, Protein A6, Protein tyrosine kinase 9, PTK9, PTK9 protein tyrosine kinase 9, TWF 1, TWF1, Twinfilin 1, Twinfilin actin binding protein, homolog 1, Twinfilin, Twinfilin, actin-binding protein, homolog 1 Drosophila, Twinfilin, Drosophila, homolog of, 1, TWF1_HUMAN, Twinfilin-1. Background: PTK9 is an actin-binding protein involved in motile and morphological processes. It inhibits actin polymerization, likely by sequestering G-actin. By capping the barbed ends of filaments, it also regulates motility. PTK9 seems to play an important role in clathrin-mediated endocytosis and distribution of endocytic organelles.
Gene ID:	5756
Pathways:	Regulation of Actin Filament Polymerization , Maintenance of Protein Location

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months