

[Go to Product page](#)

## Datasheet for ABIN1386208 **anti-TWF2 antibody (AA 51-150)**

### Overview

Quantity:	100 µL
Target:	TWF2
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TWF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TWF2/PTK9L
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	TWF2
Alternative Name:	TWF2/PTK9L ( <a href="#">TWF2 Products</a> )

## Target Details

Background:	<p>Synonyms: A6 related protein, A6r, A6RP, hA6RP, MSTP011, Protein tyrosine kinase 9 like, PTK 9L, PTK9L,PTK9L, PTK9L protein tyrosine kinase 9 like, TWF 2, Twinfilin 1 like protein, Twinfilin 2, Twinfilin actin binding protein homolog 2, Twinfilin like protein, Twinfilin2, TWF2_HUMAN.</p> <p>Background: Twinfilin-2 is a 349 amino acid protein that localizes to the perinuclear region of the cytoplasm, as well as to the cytoskeleton, and contains two ADF-H domains. Expressed ubiquitously, Twinfilin-2 functions as an Actin-binding protein that is able to both bind and sequester G-Actin and cap the barbed ends of Actin filaments, thereby inhibiting Actin polymerization and playing a role in Actin-related motile and morphological processes.</p> <p>Twinfilin-2 is subject to post-translational phosphorylation by PKC zeta. The gene encoding Twinfilin-2 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci.</p>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
--------------------	---

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.

## Handling

---

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
--------------	-----------