

## WAVE2 Rabbit pAb

CatalogNo: YT4898

Orthogonal Validated 

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat

**Applications**

- WB, IHC, IF, ELISA

**MW**

- 55kD (Observed)

**Isotype**

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000****IHC 1:100-1:300****ELISA 1:5000****IF 1:50-200**

### Storage

**Storage\***

-15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality**

Polyclonal

### Immunogen Information

**Immunogen**

The antiserum was produced against synthesized peptide derived from human WASF2. AA range:141-190

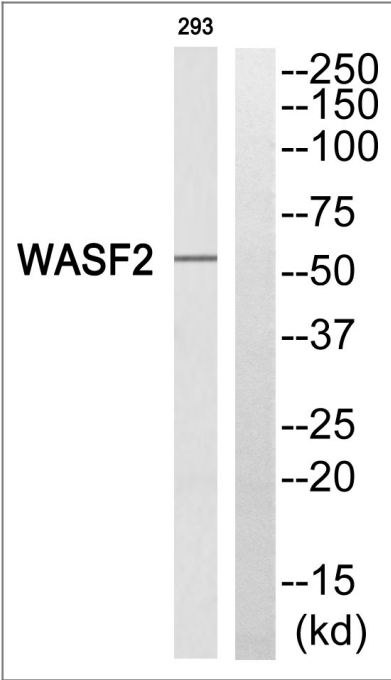
**Specificity**

WAVE2 Polyclonal Antibody detects endogenous levels of WAVE2 protein.

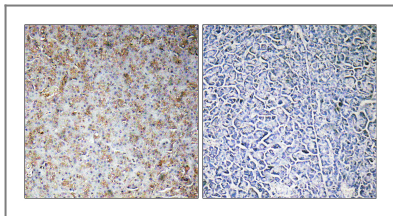
### Target Information

Gene name	WASF2		
Protein Name	Wiskott-Aldrich syndrome protein family member 2		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">10163</a> ;	<a href="#">Q9Y6W5</a> ;
	Mouse	<a href="#">242687</a> ;	<a href="#">Q8BH43</a> ;
Cellular Localization	Cytoplasm, cytoskeleton . Cell projection, lamellipodium . Basolateral cell membrane . At the interface between the lamellipodial actin meshwork and the membrane. .		
Tissue specificity	Expressed in all tissues with strongest expression in placenta, lung, and peripheral blood leukocytes, but not in skeletal muscle.		
Function	Domain: Binds the Arp2/3 complex through the C-terminal region and actin through verprolin homology (VPH) domain.,           Function: Downstream effector molecules involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton.,           similarity: Belongs to the SCAR/WAVE family.,           similarity: Contains 1 WH2 domain.,           subcellular location: At the interface between the lamellipodial actin meshwork and the membrane.,           subunit: Binds actin and the Arp2/3 complex. Interacts with BAIAP2. Component of the WAVE2 complex composed of ABI1, CYFIP1/SRA1, NCKAP1/NAP1 and WASF2/WAVE2. Directly interacts with C3orf10/HSPC300.,           tissue specificity: Expressed in all tissues with strongest expression in placenta, lung, and peripheral blood leukocytes, but not in skeletal muscle.,		

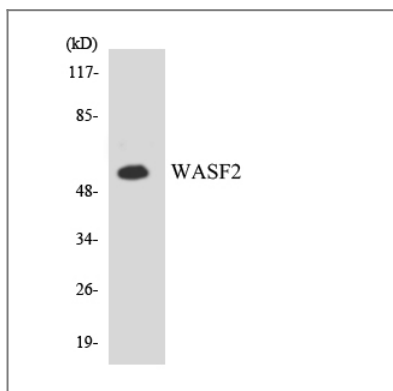
Validation Data



Western blot analysis of WASF2 Antibody. The lane on the right is blocked with the WASF2 peptide.



Immunohistochemistry analysis of paraffin-embedded human pancreas, using WASF2 Antibody. The lane on the right is blocked with the WASF2 peptide.



Western blot analysis of the lysates from K562 cells using WASF2 antibody.

## Contact information

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Please scan the QR code to access additional product information:  
**WAVE2 Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)