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Rabbit Anti-WASF3 antibody

SL10578R

Product Name:	WASF3
Chinese Name:	Verprolin同源结构域包含蛋白3抗体
Alias:	KIAA0900; Protein WAVE-3; Protein WAVE3; SCAR3; Verprolin homology domain containing protein 3; Verprolin homology domain-containing protein 3; WASF3; WASF3_HUMAN; WASP family protein member 3; WAVE3; Wiskott Aldrich syndrome protein family member 3; Wiskott-Aldrich syndrome protein family member 3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	55kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human WASF3:21-120/502
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Downstream effector molecules involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton.

Function:
Downstream effector molecules involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the control of cell shape.

Subunit:
Binds actin and the Arp2/3 complex.

Subcellular Location:
Cytoplasm, cytoskeleton.

Tissue Specificity:
Expressed in ovary and brain.

Post-translational modifications:
Phosphorylation by ABL1 promotes lamellipodia formation and cell migration.

Similarity:
Belongs to the SCAR/WAVE family.
Contains 1 WH2 domain.

SWISS:
Q9UPY6

Gene ID:
10810

Database links:

Entrez Gene: 10810Human

Entrez Gene: 245880Mouse

Omim: 605068Human

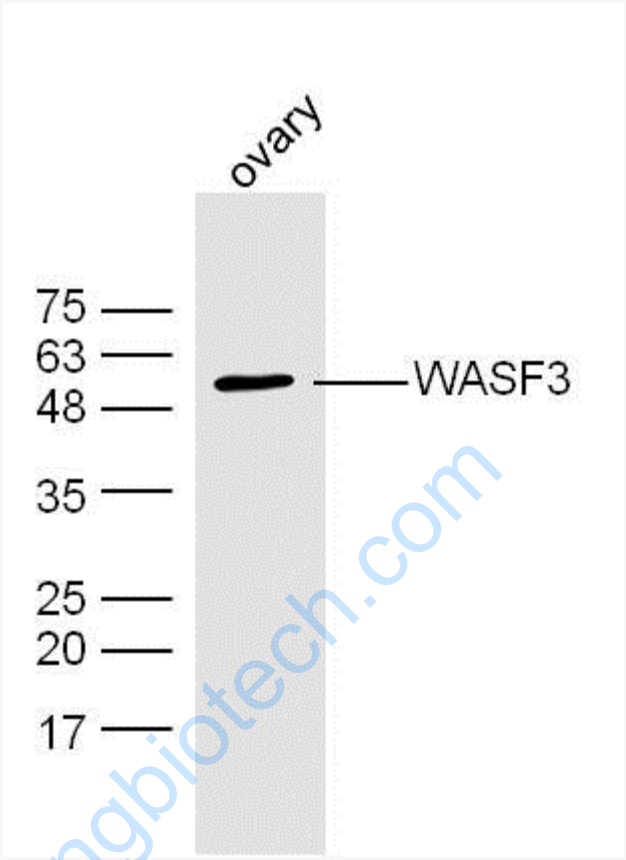
SwissProt: Q9UPY6Human

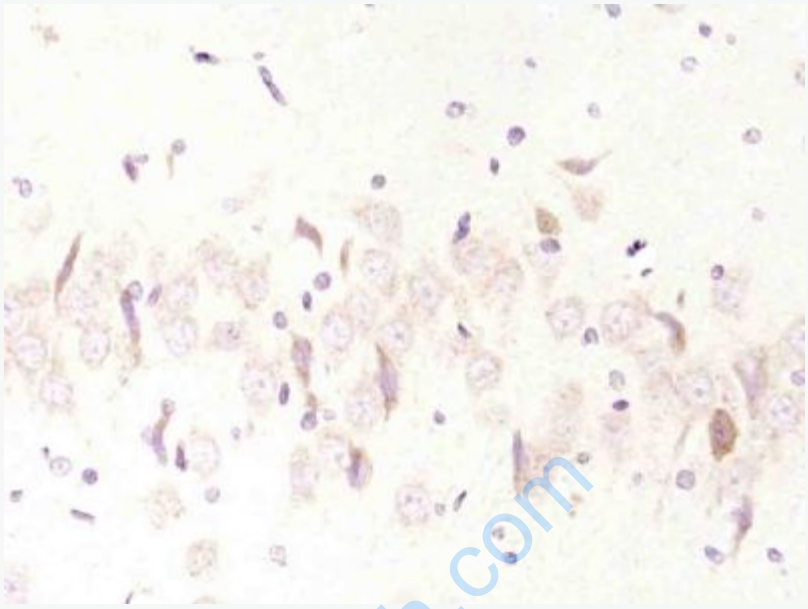
SwissProt: Q8VHI6Mouse

Unigene: 635221Human

Unigene: 472750Mouse

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Sample: ovary (Mouse) Lysate at 40 ug Primary: Anti-WASF3(SL10578R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 55 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RWASF3) Polyclonal Antibody, Unconjugated (SL10578R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.