SunLong Biotech Co.,LTD
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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.
Research Area	Cell biology Signal transduction Binding protein G protein-coupled receptor Cytoskeleton G protein signal
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human,Chicken,Dog,Cow,Horse,Rabbit,Sheep)
Applications	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	55kDa
Cellular localization	cytoplasmic
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human WASF3: 21-120/502
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	Mouse,Rat(predicted:Human,Chicken,Dog,Cow,Horse,Rabbit,Sheep)1M TBS(pH7.4) with 1% BSA, Mouse,Rat(predicted:Human,Chicken,Dog,Cow,Horse,Rabbit,Sheep)3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles.

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

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: 10810 Human

Entrez Gene: 245880 Mouse

Omim: 605068 Human

SwissProt: Q9UPY6 Human

SwissProt: Q8VHI6 Mouse

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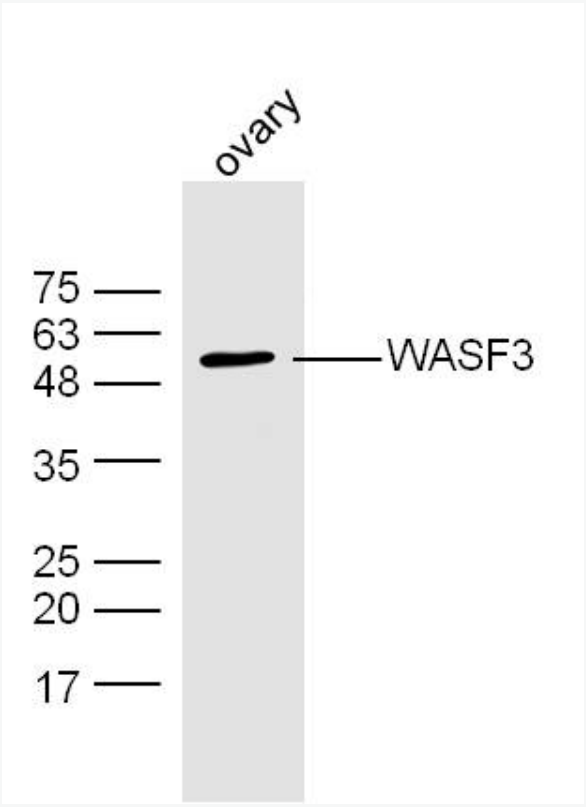
Unigene: 635221 Human

Unigene: 472750 Mouse

Product 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

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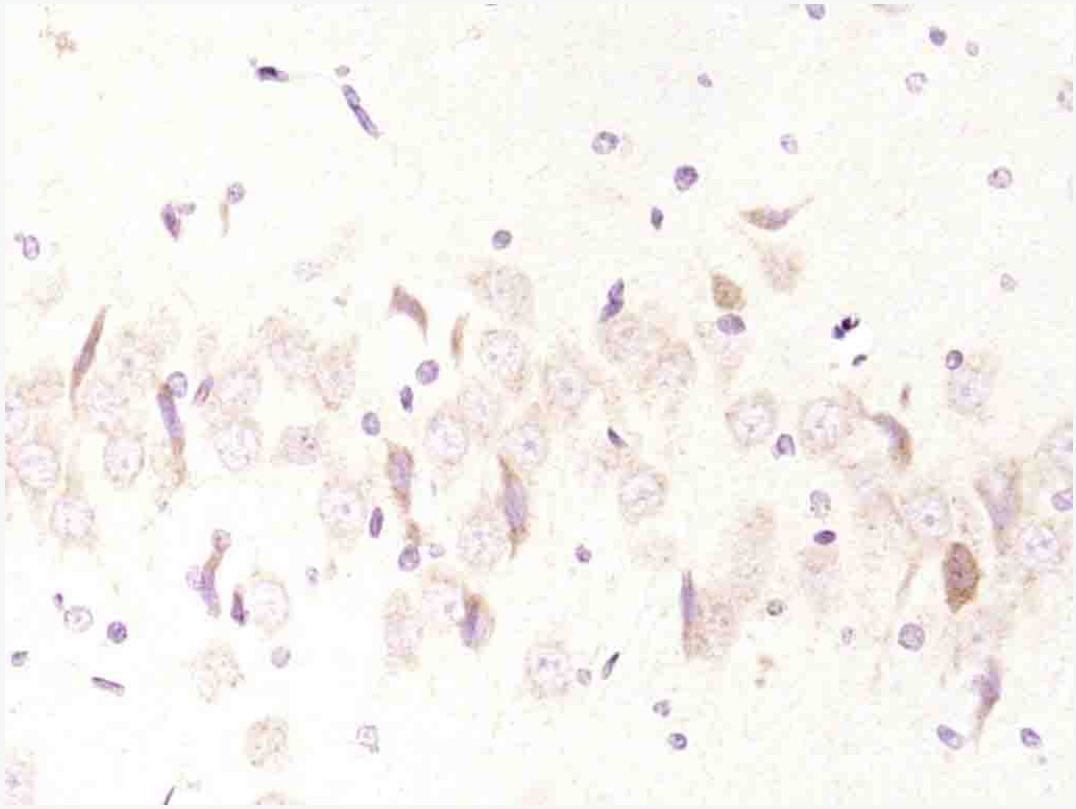

Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RWASF3) Polyclonal Antibody, Unconjugated (SL10578) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.