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WASF3 Rabbit pAb

Catalog # AP100225

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9UPY6
Other Accession	Q9UPY6
Reactivity	Rat, Mouse
Predicted	Human, Rabbit, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55293
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human WASF3
Epitope Specificity	21-120/502
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the SCAR/WAVE family.Contains 1 WH2 domain.
SUBUNIT	Binds actin and the Arp2/3 complex.
Post-translational modifications	Phosphorylation by ABL1 promotes lamellipodia formation and cell migration.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Downstream effector molecules involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton.

Additional Information

Gene ID	10810
Other Names	Brush-1; SCAR3; WAVE3; WASF3_HUMAN; WASF3; Protein WAVE-3; Verprolin homology domain-containing protein 3; Wiskott-Aldrich syndrome protein family member 3 (WASP family protein member 3); KIAA0900; WASF3_MOUSE; WASP family member 3; WAS protein family, member 3; WAS protein family member 3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	WASF3
Synonyms	KIAA0900, SCAR3, WAVE3
Function	Downstream effector molecules involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. Required for regulation of cell morphology and cytoskeletal organization (PubMed:21834987).
Cellular Location	Cytoplasm, cytoskeleton.
Tissue Location	Expressed in ovary and brain.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.