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WASF2 Antibody

Rabbit mAb
Catalog # AP90697

Product Information

Application	WB, IHC
Primary Accession	Q9Y6W5
Reactivity	Human
Clonality	Monoclonal
Other Names	Wiskott-Aldrich syndrome protein family member 2WASP family protein member 2; Protein WAVE-2; Verprolin homology domain-containing protein 2; WASF2;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	54284

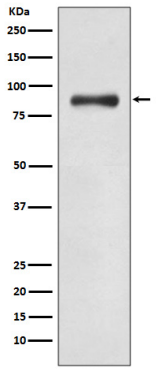
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human WASF2
Description	Wiskott-Aldrich syndrome proteins (WASPs) mediate actin dynamics by activating the Arp2/3 actin nucleation complex in response to activated Rho family GTPases. In mammals, five WASP family members have been described. Hematopoietic WASP and ubiquitously expressed N-WASP are autoinhibited in unstimulated cells.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	WASF2 (HGNC:12733)
Function	Downstream effector molecule involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. Promotes formation of actin filaments. Part of the WAVE complex that regulates lamellipodia formation. The WAVE complex regulates actin filament reorganization via its interaction with the Arp2/3 complex.
Cellular Location	Cytoplasm, cytoskeleton. Cell projection, lamellipodium. Basolateral cell membrane. Note=At the interface between the lamellipodial actin meshwork and the membrane.
Tissue Location	Expressed in all tissues with strongest expression in placenta, lung, and peripheral blood leukocytes, but not in skeletal muscle.

Images



Western blot analysis of WASF2 expression in K562 cell lysate.

Image not found : 202311/AP90697-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human colon, using WASF2 Antibody.