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Anti-WASF2 Rabbit Monoclonal Antibody

Catalog # ABO13667

Product Information

Application	WB, IHC
Primary Accession	Q9Y6W5
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-WASF2 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

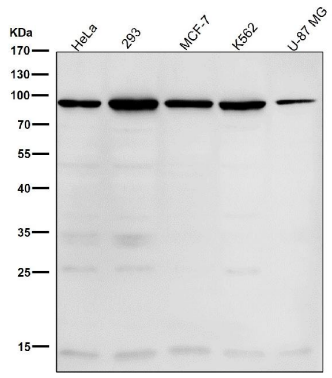
Additional Information

Gene ID	10163
Other Names	Actin-binding protein WASF2, Protein WAVE-2, Verprolin homology domain-containing protein 2, Wiskott-Aldrich syndrome protein family member 2, WASP family protein member 2, WASF2 (HGNC:12733)
Calculated MW	54284
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Subcellular Localization	Cytoplasm, cytoskeleton. Cell projection, lamellipodium. 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..
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: FFG-23
Immunogen	A synthesized peptide derived from human WASF2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

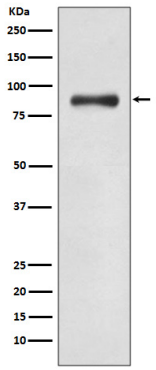
Protein Information

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.

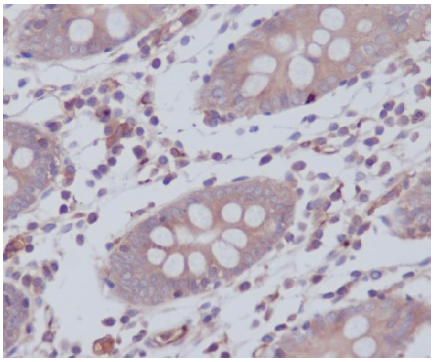
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of WASF2 expression in K562 cell lysate.



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