

WAVE 2 Rabbit mAb

Catalog # AP77511

Product Information

Application WB, IHC-P, IF, ICC

Primary Accession Q9Y6W5

Reactivity Rat, Human, Mouse

Host Rabbit

Clonality Monoclonal Antibody

Isotype IgG

Conjugate Unconjugated

Immunogen A synthesized peptide derived from human WASF2

Purification Affinity Chromatography

Calculated MW 54284

Additional Information

Gene ID 10163

Other Names WASF2

Dilution WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A

Format Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02%

sodium azide and 50% glycerol.

Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

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

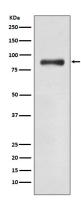
membrane. Note=At the interface between the lamellipodial actin meshwork

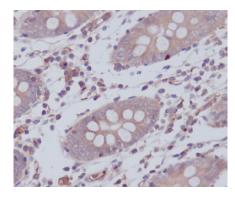
and the membrane.

Tissue Location Expressed in all tissues with strongest expression in placenta, lung, and

peripheral blood leukocytes, but not in skeletal muscle.

Images





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