

WASF2 Antibody

Rabbit mAb Catalog # AP90697

Specification

WASF2 Antibody - Product Information

Application WB, IHC
Primary Accession Q9Y6W5
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 Da

WASF2 Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500

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.

WASF2 Antibody - 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

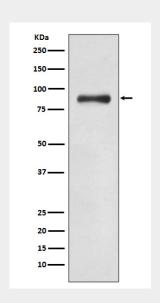
Expressed in all tissues with strongest expression in placenta, lung, and peripheral blood leukocytes, but not in skeletal muscle.

WASF2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

WASF2 Antibody - Images



Western blot analysis of WASF2 expression in K562 cell lysate.