

# 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;

IsotypeRabbit IgGHostRabbitCalculated MW54284

## **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

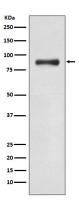
membrane. Note=At the interface between the lamellipodial actin meshwork

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.

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