

Anti-WASF2 Rabbit Monoclonal Antibody
Catalog # ABO13667**Specification****Anti-WASF2 Rabbit Monoclonal Antibody - 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.

Anti-WASF2 Rabbit Monoclonal Antibody - 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 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=12733)
HGNC:12733

Calculated MW

54284 MW KDa

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..

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.

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.

Anti-WASF2 Rabbit Monoclonal 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.

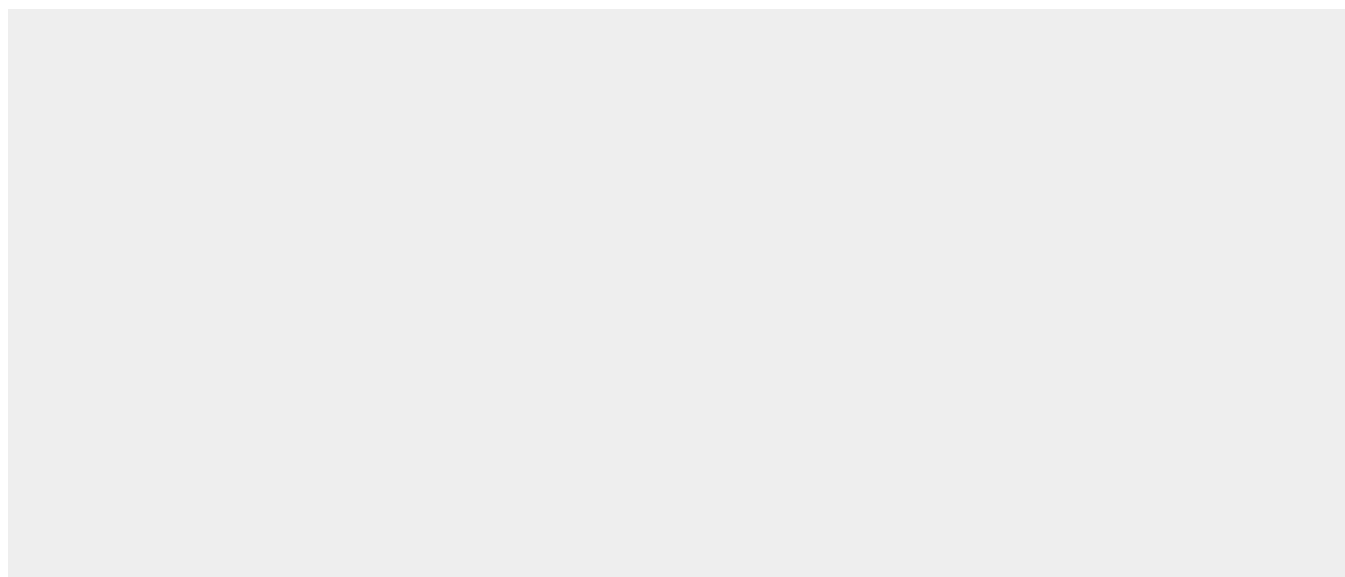
Tissue Location

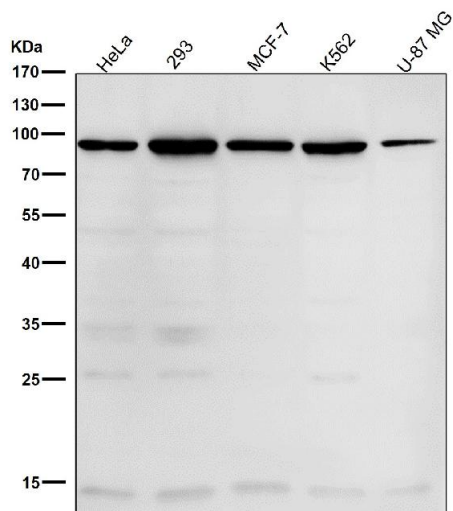
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Anti-WASF2 Rabbit Monoclonal Antibody - Protocols

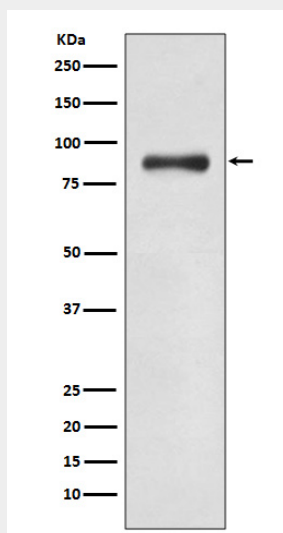
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

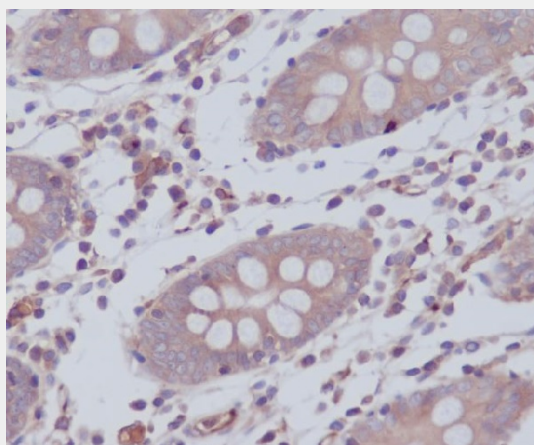
Anti-WASF2 Rabbit Monoclonal Antibody - Images



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.