

WAVE2 Polyclonal Antibody

Catalog # AP73081

Specification

WAVE2 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB, IHC-P <u>O9Y6W5</u> Human, Mouse, Rat Rabbit Polyclonal

WAVE2 Polyclonal Antibody - Additional Information

Gene ID 10163

Other Names WASF2; WAVE2; Wiskott-Aldrich syndrome protein family member 2; WASP family protein member 2; Protein WAVE-2; Verprolin homology domain-containing protein 2

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

WAVE2 Polyclonal 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.

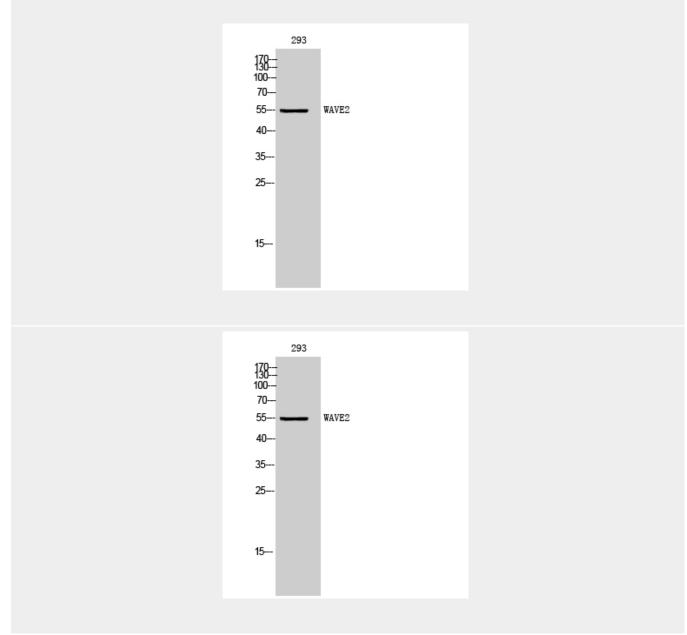


WAVE2 Polyclonal Antibody - Protocols

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

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

WAVE2 Polyclonal Antibody - Images



WAVE2 Polyclonal Antibody - Background



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.