

SCAR2 / WAVE2 Antibody (aa190-239)
Rabbit Polyclonal Antibody
Catalog # ALS15526**Specification**

SCAR2 / WAVE2 Antibody (aa190-239) - Product Information

Application	IHC
Primary Accession	O9Y6W5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

SCAR2 / WAVE2 Antibody (aa190-239) - Additional Information**Gene ID** 10163**Other Names**

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

Target/Specificity

WASF4 Antibody detects endogenous levels of total WASF4 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

SCAR2 / WAVE2 Antibody (aa190-239) is for research use only and not for use in diagnostic or therapeutic procedures.

SCAR2 / WAVE2 Antibody (aa190-239) - 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.

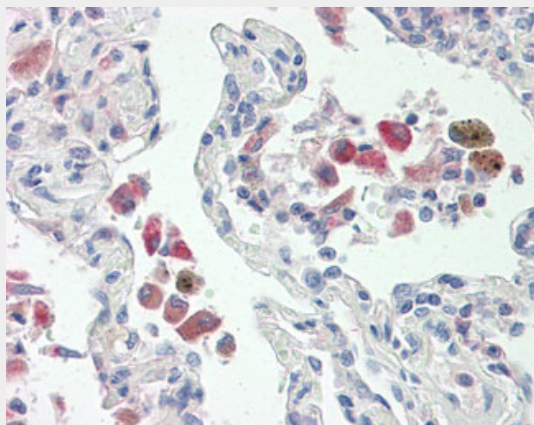
Volume
50 µl

SCAR2 / WAVE2 Antibody (aa190-239) - 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](#)

SCAR2 / WAVE2 Antibody (aa190-239) - Images



Anti-SCAR2 / WAVE2 antibody IHC of human lung.

SCAR2 / WAVE2 Antibody (aa190-239) - 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.

SCAR2 / WAVE2 Antibody (aa190-239) - References

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Ota T., et al. Nat. Genet. 36:40-45(2004).
Gregory S.G., et al. Nature 441:315-321(2006).
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Gautreau A., et al. Proc. Natl. Acad. Sci. U.S.A. 101:4379-4383(2004).