

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

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

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">O9Y6W5</a> |
| 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.

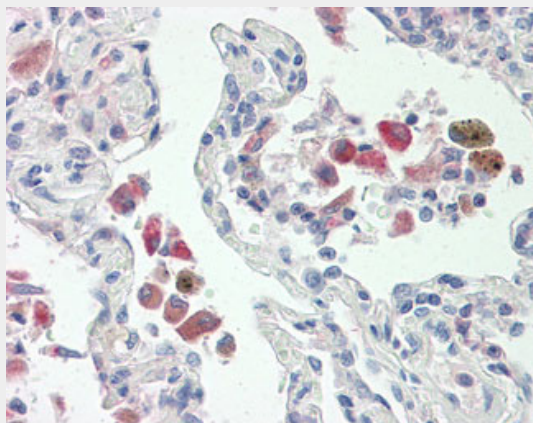
**Volume**  
50 µl

### **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**

Suetsugu S., et al. Biochem. Biophys. Res. Commun. 260:296-302(1999).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Gregory S.G., et al. Nature 441:315-321(2006).  
Miki H., et al. Nature 408:732-735(2000).  
Gautreau A., et al. Proc. Natl. Acad. Sci. U.S.A. 101:4379-4383(2004).