

**WAVE2 Polyclonal Antibody**  
Catalog # AP73081**Specification****WAVE2 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9Y6W5</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	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.

**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**

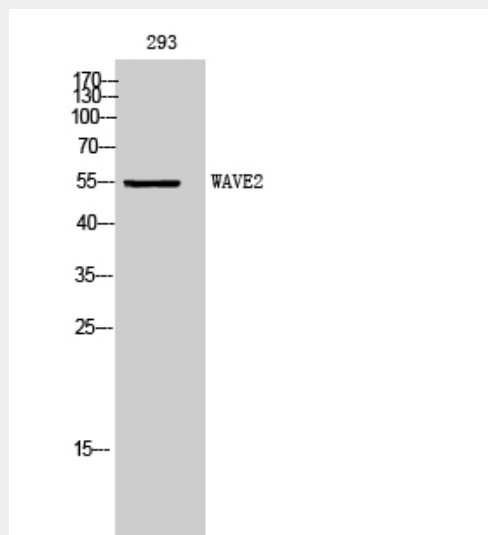
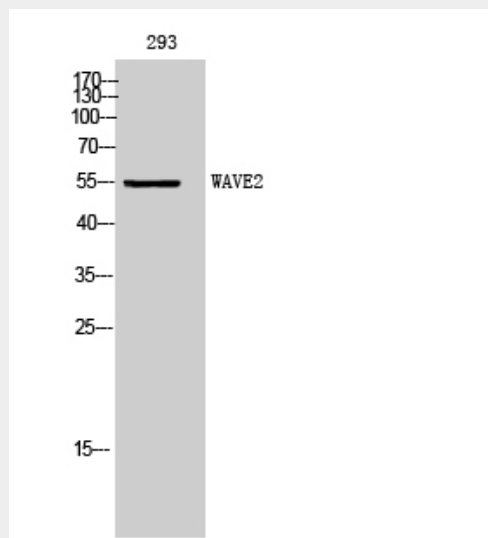
Expressed in all tissues with strongest expression in placenta, lung, and peripheral blood leukocytes, but not in skeletal muscle.

## WAVE2 Polyclonal Antibody - Protocols

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

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

## 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.