Product Datasheet

WASF2 Rabbit mAb

Catalog No: #48985

Package Size: #48985-1 50ul #48985-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

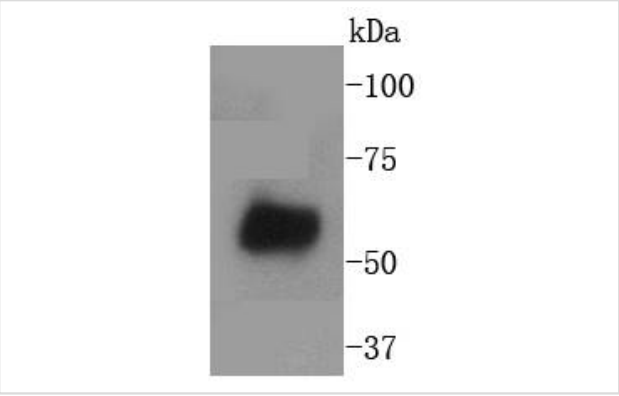
Description

Product Name	WASF2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SC66-05
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	DICTYOSTELIUM antibody dJ393P12.2 antibody IMD2 antibody Protein WAVE-2 antibody Putative Wiskott Aldrich syndrome protein family member 4 antibody SCAR 2 antibody SCAR antibody SCAR2 antibody Suppressor of cyclic-AMP receptor (WASP family) antibody Verprolin homology domain-containing protein 2 antibody WASF2 antibody WASF2_HUMAN antibody WASF4 antibody WASP family protein member 2 antibody WASP family protein member 4 antibody WASP family Verprolin homologous protein 2 antibody WASP-family protein member 2 antibody WAVE 2 antibody WAVE2 antibody Wiskott-Aldrich syndrome protein family member 2 antibody Wiskott-Aldrich syndrome protein family verprolin-homologous protein antibody
Accession No.	Swiss-Prot#:Q9Y6W5
Uniprot	Q9Y6W5
GeneID	10163;
Calculated MW	54 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

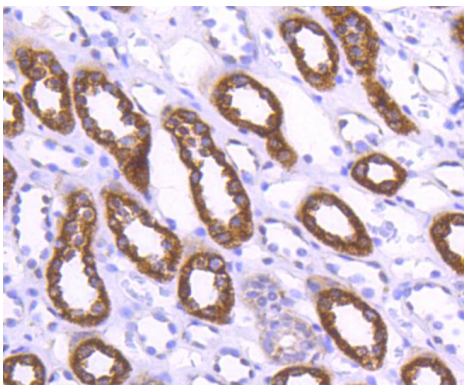
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200

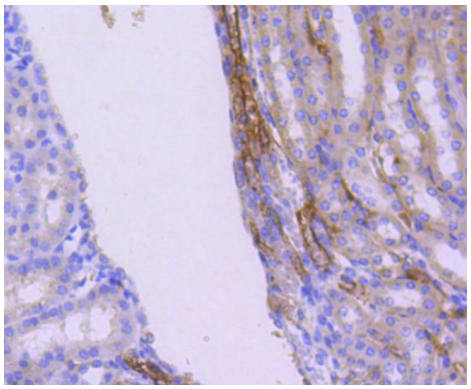
Images



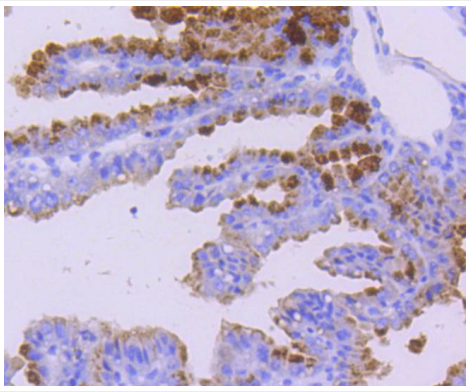
Western blot analysis of WASF2 on human placenta lysates using anti-WASF2 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-WASF2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-WASF2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse placenta tissue using anti-WASF2 antibody. Counter stained with hematoxylin.

Background

WASP (for Wiskott-Aldrich syndrome protein) and N-WASP are downstream effectors of Cdc42 that are implicated in Actin polymerization and cytoskeletal organization. The WASP family also includes VASP (vasodilator-stimulated phosphoprotein) and Mena (for mammalian enabled protein), which accumulate at focal adhesions and are also involved in the regulation of the Actin cytoskeleton. The WAVE proteins are related to the WASP family proteins and are likewise involved in mediating Actin reorganization downstream of the Rho family of small GTPases. The protein homologs WAVE1 and WAVE2 regulate membrane ruffling by inducing the formation of Actin filament clusters in response to GTP binding and by activating Rac. They mediate Actin polymerization by cooperating with the Arp2/3 complex, thereby promoting the formation of Actin filaments. WAVE1, which is also designated SCAR (suppressor of cAR), is expressed primarily in the brain, while WAVE2 is widely expressed, with the expression highest in peripheral blood leukocytes. WAVE3 forms a multiprotein complex that links receptor kinases with Actin and plays a role in the transduction of signals involving changes in cell shape, function or motility.

References

Note: This product is for in vitro research use only