

WAVE1 (phospho-Tyr125) Polyclonal Antibody

Catalog Number: E20-60680

Applications:WB,IHC-p,IF,ELISA

Reactivity: Human, Mouse, Rat

Gene Name: WASF1

Protein Name: Wiskott-Aldrich syndrome protein family member 1

Human Gene Id:8936

Human Swiss Prot No:Q92558

Mouse Gene Id:83767

Mouse Swiss Prot No:Q8R5H6

Rat Gene Id:294568

Rat Swiss Prot No:Q5BJU7

Immunogen:The antiserum was produced against synthesized peptide derived from human WAVE1 around the phosphorylation site of Tyr125. AA range:91-140

Specificity:Phospho-WAVE1 (Y125) Polyclonal Antibody detects endogenous levels of WAVE1 protein only when phosphorylated at Y125.

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Rabbit

Dilution:Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000- 1/10000. Not yet tested in other applications.

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Names:WASF1; KIAA0269; SCAR1; WAVE1; Wiskott-Aldrich syndrome protein family member 1;

WASP family protein member 1; Protein WAVE-1; Verprolin homology domain-containing protein 1

Molecular Weight (Da):61652

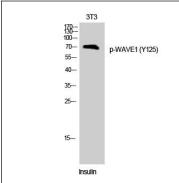
Observed Band (KD):70

Background:WAS protein family member 1(WASF1) Homo sapiens The protein encoded by this gene, a member of the Wiskott-Aldrich syndrome protein (WASP)-family, plays a critical role downstream of Rac, a Rho-family small GTPase, in regulating the actin cytoskeleton required for membrane ruffling.

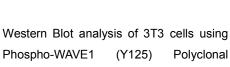
Function:domain:Binds the Arp2/3 complex through the C-terminal region and actin through verprolin homology (VPH) domain.

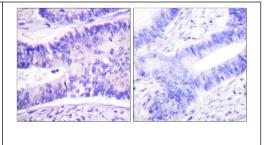
Subcellular Location:mitochondrial outer membrane,cytoskeleton,focal adhesion,actin cytoskeleton, lamellipodium, SCAR complex,synapse.

Expression: Bone marrow, Testis.



Antibody.





Immunohistochemistry analysis of paraffinembedded human colon carcinoma, using WAVE1 (Phospho-Tyr125) Antibody. The picture on the right is blocked with the phospho peptide.