

WAVE1 (Phospho-Tyr125) Antibody

Catalog No: #12156

Package Size: #12156-1 50ul #12156-2 100ul

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

Description

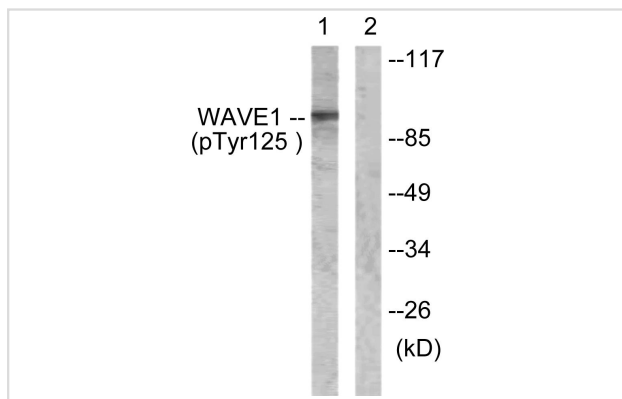
Product Name	WAVE1 (Phospho-Tyr125) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of WAVE1 only when phosphorylated at tyrosine 125.
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 125 (E-T-Y(p)-D-V) derived from Human WAVE1.
Target Name	WAVE1
Modification	Phospho
Other Names	KIAA0269; SCAR1; Verprolin homology domain-containing protein 1; WAS1; WASF1; WASP-family protein member 1; Wiskott-Aldrich syndrome protein family member 1
Accession No.	Swiss-Prot#:Q92558;NCBI Gene#:8936
Uniprot	Q92558
GeneID	8936;
SDS-PAGE MW	70kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

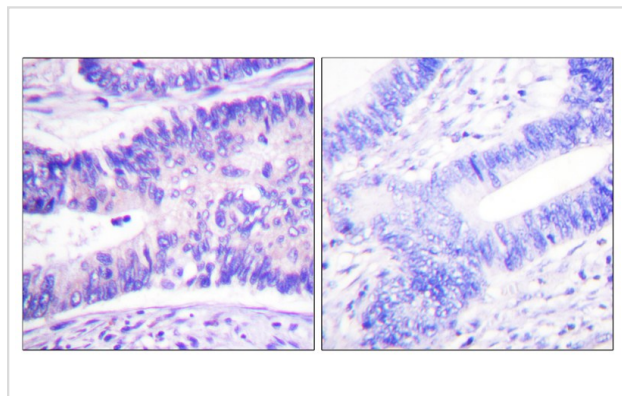
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from NIH/3T3 cells, treated with Insulin (0.01U/ml, 15mins), using WAVE1 (Phospho-Tyr125) antibody #12156. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using WAVE1 (Phospho-Tyr125) antibody #12156. The picture on the right is treated with the synthesized peptide.

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.

Note: This product is for in vitro research use only