

WAVE1 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP09570

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human WAVE1. AA range:91-140

Mol wt 61652

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name WAVE1 Antibody

Synonyms 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

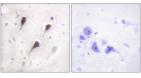
Wiskott-Aldrich syndrome protein family member 1 encoded by WASF1, a member of the Wiskott-Aldrich syndrome protein (WASP)family, plays a critical role downstream of Rac, a Rho-family small GTPase, in regulating the actin cytoskeleton required for membrane
ruffling. It has been shown to associate with an actin nucleation core Arp2/3 complex while enhancing actin polymerization in vitro. WiskottAldrich syndrome is a disease of the immune system, likely due to defects in regulation of actin cytoskeleton. Multiple alternatively spliced
transcript variants encoding the same protein have been found for this gene.

Recommended Dilution

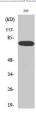
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 40000

Not yet tested in other applications.

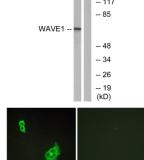
Images



 $Immun ohistochemistry\ analysis\ of\ paraffin-embedded\ human\ brain\ tissue,\ using\ WAVE1\ Antibody.$ The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using WAVE1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western blot analysis of lysates from 293 cells, treated with insulin 0.01U/ml 15', using WAVE1 Antibody. The lane on the right is blocked with the synthesized peptide.

Immunofluorescence analysis of COS7 cells, using WAVE1 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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