



Rabbit Anti-Human N-WASP monoclonal antibody, clone D.538.4 (CABT-L1657)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	WASL
Immunogen	Synthetic peptide corresponding the sequence of human N-WASP
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Bovine, Hamster, Human, Mouse, Non-human primate, Rat
Clone	D.538.4
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	IP, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction	The Wiskott-Aldrich syndrome (WAS) family of proteins share similar domain structure, and are involved in transduction of signals from receptors on the cell surface to the actin cytoskeleton.
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The presence of a number of different motifs suggests that they are regulated by a number of different stimuli, and interact with multiple proteins. Recent studies have demonstrated that these proteins, directly or indirectly, associate with the small GTPase, Cdc42, known to regulate formation of actin filaments, and the cytoskeletal organizing complex, Arp2/3. The WASL gene product is a homolog of WAS protein, however, unlike the latter, it is ubiquitously expressed and shows highest expression in neural tissues. It has been shown to bind Cdc42 directly, and induce formation of long actin microspikes.

Keywords	WASL;Wiskott-Aldrich syndrome-like;NWASP;N-WASP;neural Wiskott-Aldrich syndrome protein
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GENE INFORMATION

Entrez Gene ID [8976](#)

UniProt ID [Q00401](#)
