



# 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

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

## BACKGROUND

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| <b>Introduction</b> | 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.

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| <b>Keywords</b> | WASL;Wiskott-Aldrich syndrome-like;NWASP;N-WASP;neural Wiskott-Aldrich syndrome protein |
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## GENE INFORMATION

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| <b>Entrez Gene ID</b> | <a href="#">8976</a> |
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| <b>UniProt ID</b> | <a href="#">O00401</a> |
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