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Anti-BAIAP2 / IRSP53 Antibody (aa350-400)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17465

Specification

Anti-BAIAP2 / IRSP53 Antibody (aa350-400) - Product Information

Application	**WB, IHC-P**
Primary Accession	Q9UQB8
Predicted	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**60868**
Dilution	**WB~~1:1000** **IHC-P~~N/A**

Anti-BAIAP2 / IRSP53 Antibody (aa350-400) - Additional Information

Gene ID 10458

Alias Symbol	**BAIAP2**

Other Names
BAIAP2, BAI-associated protein 2, BAI1-associated protein 2, BAP2, FLAF3, Fas ligand-associated factor 3, IRSP53, IRS-58, Protein BAP2, Insulin receptor substrate p53, IRSp53/58

Target/Specificity
Endogenous levels of human, mouse and rat BAIAP2 protein. Positive Control: U251, mouse brain and rat brain.

Reconstitution & Storage
Lyophilized from PBS, pH 7.4, 0.02% sodium azide. Store lyophilized at -20°C. The reconstituted product can be stored for short term at 4 °C or long term at -20 °C or below. Avoid freeze/thaw cycles.

Precautions
Anti-BAIAP2 / IRSP53 Antibody (aa350-400) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-BAIAP2 / IRSP53 Antibody (aa350-400) - Protein Information

Name BAIAP2

Function
Adapter protein that links membrane-bound small G-proteins to cytoplasmic effector proteins. Necessary for CDC42-mediated reorganization of the actin cytoskeleton and for RAC1-mediated membrane ruffling. Involved in the regulation of the actin cytoskeleton by WASF family members and the Arp2/3 complex. Plays a role in neurite growth. Acts syngeristically with ENAH to promote filipodia formation. Plays a role in the reorganization of the actin cytoskeleton in response to

bacterial infection. Participates in actin bundling when associated with EPS8, promoting filopodial protrusions.

Cellular Location
Cytoplasm. Membrane; Peripheral membrane protein. Cell projection, filopodium. Cell projection, ruffle. Cytoplasm, cytoskeleton. Note=Detected throughout the cytoplasm in the absence of specific binding partners. Detected in filopodia and close to membrane ruffles. Recruited to actin pedestals that are formed upon infection by bacteria at bacterial attachment sites

Tissue Location
Isoform 1 and isoform 4 are expressed almost exclusively in brain. Isoform 4 is barely detectable in placenta, prostate and testis. A short isoform is ubiquitous, with the highest expression in liver, prostate, testis and placenta

Anti-BAIAP2 / IRSP53 Antibody (aa350-400) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-BAIAP2 / IRSP53 Antibody (aa350-400) - Images