

**Anti-BAIAP2 / IRSP53 Antibody (aa350-400)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17465****Specification**

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

Application	WB, IHC-P
Primary Accession	<a href="#">O9UQB8</a>
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	60868

**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 synergetically with ENAH to promote filopodia 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 Cytometry](#)
- [Cell Culture](#)

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