

# Baiap2 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10183

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8BKX1</a>
<b>Other Accession</b>	<a href="#">NM_001037755</a> , <a href="#">NP_001032844</a>
<b>Reactivity</b>	Human, Mouse, Rat, Pig, Dog, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Chicken, Guinea Pig, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	59237

## Additional Information

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<b>Gene ID</b>	108100
<b>Alias Symbol</b> <b>Other Names</b>	IRSp53, R75030 Brain-specific angiogenesis inhibitor 1-associated protein 2, BAI-associated protein 2, BAI1-associated protein 2, Insulin receptor substrate protein of 53 kDa, IRSp53, Insulin receptor substrate p53, Insulin receptor tyrosine kinase 53 kDa substrate, Baiap2
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Baiap2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Baiap2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Baiap2
<b>Function</b>	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 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 (By similarity).

**Tissue Location**

Detected in liver, brain, olfactory bulb, brain cortex, caudate putamen, hypothalamus and cerebellum

**Images**

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