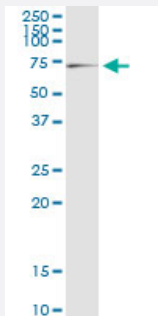


# BAIAP2 (Human) IP-WB Antibody Pair

Catalog # H00010458-PW2

Size 1 Set

## Applications



Immunoprecipitation of BAIAP2 transfected lysate using rabbit polyclonal anti-BAIAP2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-BAIAP2.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (95); Rat (95)
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of BAIAP2 transfected lysate using rabbit polyclonal anti-BAIAP2 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-BAIAP2.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-BAIAP2 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-BAIAP2 (50 ug)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — BAIAP2

**Entrez GeneID** [10458](#)

**Gene Name** BAIAP2

**Gene Alias** BAP2, IRSP53

**Gene Description** BAI1-associated protein 2

**Omim ID** [605475](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The protein encoded by this gene has been identified as a brain-specific angiogenesis inhibitor (BAI1)-binding protein. This adaptor protein links membrane bound G-proteins to cytoplasmic effector proteins. This protein functions as an insulin receptor tyrosine kinase substrate and suggests a role for insulin in the central nervous system. It also associates with a downstream effector of Rho small G proteins, which is associated with the formation of stress fibers and cytokinesis. This protein is involved in lamellipodia and filopodia formation in motile cells and may affect neuronal growth-cone guidance. This protein has also been identified as interacting with the dentatorubral-pallidum atrophy gene, which is associated with an autosomal dominant neurodegenerative disease. Alternative splicing results in multiple transcript variants encoding distinct isoforms

**Other Designations** insulin receptor substrate p53

## Pathway

- [Adherens junction](#)
- [Regulation of actin cytoskeleton](#)

## Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)