



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## BAIAP2 (Human) Matched Antibody Pair

Catalog # : H00010458-AP51

規格 : [ 1 Set ]

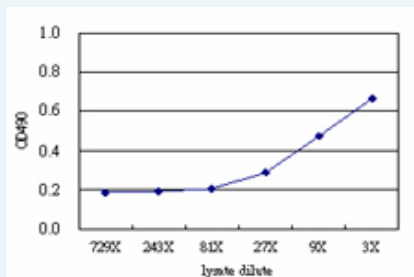
[List All](#)

### Specification

**Product Description:** This antibody pair set comes with matched antibody pair to detect and quantify protein level of human BAIAP2.

**Reactivity:** Human

**Quality Control Testing:** Standard curve using BAIAP2 293T overexpression lysate (non-denatured) as an analyte.



Sandwich ELISA detection sensitivity ranging from approximately 27x to 3x dilution of the BAIAP2 293T overexpression lysate (non-denatured).

**Supplied Product:** Antibody pair set content:  
 1. Capture antibody: mouse monoclonal anti-BAIAP2 (100 ug)  
 2. Detection antibody: rabbit purified polyclonal anti-BAIAP2 (50 ug)  
 \*Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

**Storage Instruction:** 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.

**MSDS:**  [Download](#)

### Applications

ELISA Pair (Transfected lysate)

 [Protocol Download](#)

### Gene Information

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

**Gene Name:** BAIAP2

**Gene Alias:** BAP2, IRSP53

**Gene Description:** BAI1-associated protein 2

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

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

### Application Image

ELISA Pair (Transfected lysate)

**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-pallidoluysian atrophy gene, which is associated with an autosomal dominant neurodegenerative disease. Alternative splicing results in multiple transcript variants encoding distinct isoforms

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**Other** insulin receptor substrate p53

**Designations:**

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### **Gene Pathway**

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Adherens junction Regulation of actin cytoskeleton

### **Related Disease**

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Attention Deficit Disorder with Hyperactivity Functional Laterality  
Genetic Predisposition to Disease

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