

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-IRSp53



Numéro de catalogue: 11087-2-AP

6 Publications

## Informations de base

Numéro de catalogue:  
11087-2-AP

Taille:  
150ul, Concentration: 600 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG1552

Numéro d'acquisition GenBank:  
BC014020

Identification du gène (NCBI):  
10458

Nom complet:  
BAI1-associated protein 2

MW calculé  
61 kDa

MW observés:  
53 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:500-1:1000  
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB  
IHC 1:50-1:500

## Applications

Applications testées:  
IHC, IP, WB, ELISA

Demandes citées:  
IF, IHC, IP, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, souris, Hamster

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : tissu cérébral de souris, tissu cérébral de rat, tissu cérébral humain

IP : tissu cérébral de souris,

IHC : tissu cérébral de souris, tissu cérébral humain, tissu de cancer du sein humain

## Informations générales

IRSp53 (also known as BAIAP2) is a multi-domain adaptor protein that originally identified as a 58/53-kDa substrate of insulin-receptor kinase in the hamster (PMID: 10332026). As a BAI1-binding protein, IRSp53 plays an important role in linking between membrane and cytoskeleton in the process of neuronal growth (PMID: 10343108). IRSp53 is necessary for Cdc42-mediated reorganization of the actin cytoskeleton and for Rac1-mediated membrane ruffling. Alternatively spliced isoforms of IRSp53 exist. IRSp53 has been implicated in several psychiatric disorders, including autism spectrum disorders (ASDs), schizophrenia, and attention deficit/hyperactivity disorder (ADHD) (PMID: 26275848).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Qinggang Li	31534052	JCI Insight	WB
Fei-Long Yu	31531927	Proteomics	WB, IP
Alice Trausch	35844059	Biol Cell	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquoteage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

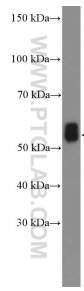
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

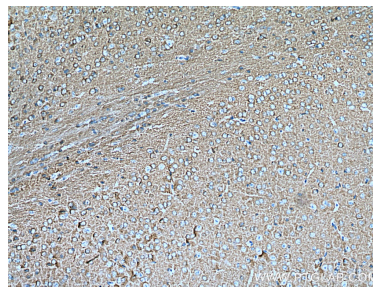
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

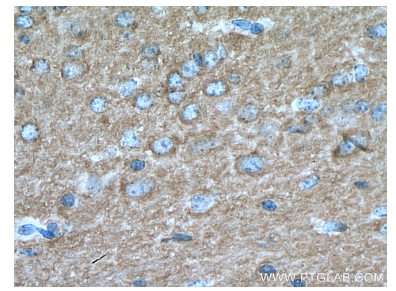
## Données de validation sélectionnées



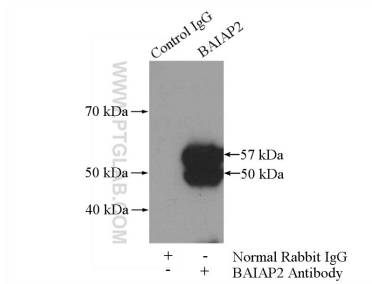
mouse brain tissue were subjected to SDS PAGE followed by western blot with 11087-2-AP (IRSp53 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11087-2-AP (IRSp53 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11087-2-AP (IRSp53 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-IRSp53 (IP:11087-2-AP, 4ug; Detection:11087-2-AP 1:500) with mouse brain tissue lysate 2640ug.