

IHCeasy[®] IRSp53 Ready-To-Use IHC Kit

Catalog Number: **KHC3049**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse, Rat
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Polyclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

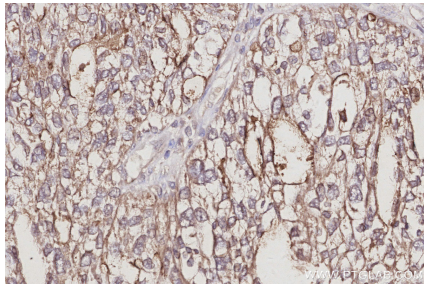
Background

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. As a BAI1-binding protein, IRSp53 plays an important role in linking between membrane and cytoskeleton in the process of neuronal growth. 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).

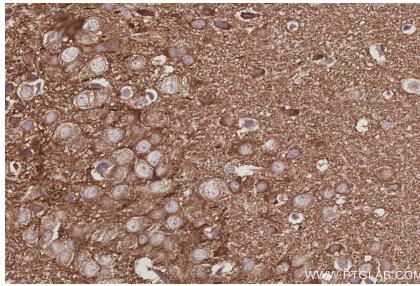
Synonyms

BAIAP2, BAI associated protein 2, BAI1 associated protein 2, BAI1-associated protein 2, BAI-associated protein 2

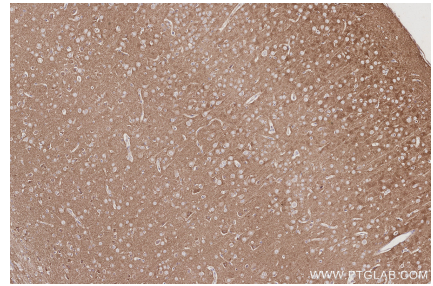
Selected Validation Data



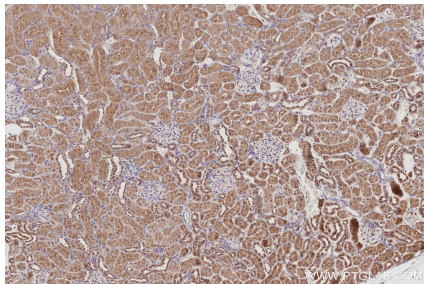
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC3049 (IRSp53 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC3049 (IRSp53 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC3049 (IRSp53 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC3049 (IRSp53 IHC Kit).