

For Research Use Only

# RAVER2 Polyclonal antibody

Catalog Number:32025-1-AP



## Basic Information

Catalog Number:

32025-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36879

GenBank Accession Number:

BC065303

GeneID (NCBI):

55225

UNIPROT ID:

Q9HCJ3

Full Name:

ribonucleoprotein, PTB-binding 2

Calculated MW:

74/72 kDa

Observed MW:

75 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC: 1:50-1:500

## Applications

Tested Applications:

IF/ICC, IP, ELISA

Species Specificity:

human

Positive Controls:

IP : HEK-293T cells,

IF/ICC : HEK-293 cells,

## Background Information

Raver2 was identified as a novel member of the hnRNP family based on sequence homology within three RNA recognition motifs and its general domain organization reminiscent of the previously described raver1 protein. Like raver1, raver2 contains two putative nuclear localization signals and a potential nuclear export sequence, and also displays nucleo-cytoplasmic shuttling in a heterokaryon assay. In glia cells and neurons, raver2 localizes to the nucleus. Moreover, the protein interacts with polypyrimidine tract binding protein (PTB) suggesting that it may participate in PTB-mediated nuclear functions. In contrast to ubiquitously expressed raver1, raver2 exerts a distinct spatio-temporal expression pattern during embryogenesis and is essentially restricted to brain, lung, and kidney in the adult mouse (PMID: 16051233).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

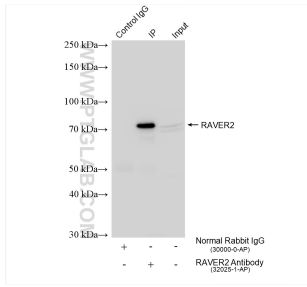
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

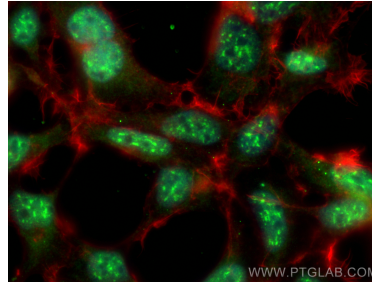
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



IP result of anti-RAVER2 (IP:32025-1-AP, 4 $\mu$ g; Detection:32025-1-AP 1:2000) with HEK-293T cells lysate 2200  $\mu$ g.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using RAVER2 antibody (32025-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).