

CRMP-2 Polyclonal Antibody

Description

| | |
|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP02241 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human DRP-2. AA range:480-529 |
| Mol wt | 62294 |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | WB, IHC-p, IF, ELISA |
| Concentration | 1 mg/ml |
| Full name | CRMP-2 Antibody |
| Synonyms | DPYSL2; CRMP2; ULIP2; Dihydropyrimidinase-related protein 2; DRP-2; Collapsin response mediator protein 2; CRMP-2; N2A3; Unc-33-like phosphoprotein 2; ULIP-2 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

DPYSL2 encodes a member of the collapsin response mediator protein family. Collapsin response mediator proteins form homo- and hetero-tetramers and facilitate neuron guidance, growth and polarity. The encoded protein promotes microtubule assembly and is required for Sema3A-mediated growth cone collapse, and also plays a role in synaptic signaling through interactions with calcium channels. DPYSL4 has been implicated in multiple neurological disorders, and hyperphosphorylation of the encoded protein may play a key role in the development of Alzheimer's disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

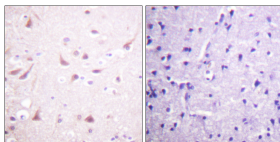
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

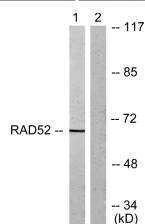
ELISA: 1: 20000

Not yet tested in other applications.

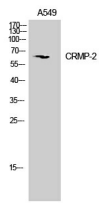
Images



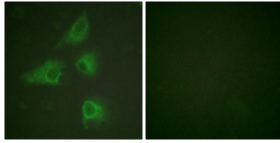
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using DRP-2 Antibody. The picture on the right is blocked with the synthesized peptide.



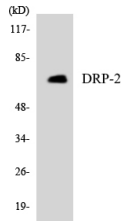
Western blot analysis of lysates from A549 cells, treated with EGF 200ng/ml 30', using DRP-2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of mouse brain cells using CRMP-2 Polyclonal Antibody



Immunofluorescence analysis of HeLa cells, using DRP-2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using DRP-2 antibody.

Storage

-20°C for one year

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