

Product Datasheet

Phospho-DRP-2 (Thr514) Antibody

Catalog No: CY6162

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF



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Information

UniProt ID: Q16555

All Names: CRMP2, Collapsin response mediator protein 2, DPYL2, DPYSL2, DRP-2, Dihydropyrimidinase related protein-2, N2A3, TOAD-64, Turned on after division, 64 kDa protein, ULIP 2 protein, ULIP2

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 65/70kDa

Application

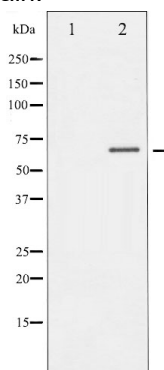
WB 1:500-1:2000

IHC 1:50-1:200

IF/ICC 1:100-1:500

Background

CRMP-2 is an enzyme with dihydropyrimidinase activity. Plays a role in RhoA-dependent signaling, through interaction with and regulation of Rho kinase. Plays a role in neurogenesis. Aberrantly expressed in fetal Down syndrome brain.



Western blot analysis of DRP-2 phosphorylation expression in PMA treated NIH-3T3 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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