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anti-DPYSL2 antibody (pThr509)

2 Images



Go to Product page

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Alternative Name:

Quantity:	100 μL
Target:	DPYSL2
Binding Specificity:	pThr509
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYSL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	Peptide sequence around phosphorylation site of threonine 509 (S-V-T(p)-P-K) derived from Human CRMP-2.
lsotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Target Details	
Target:	DPYSL2

DPYSL2 (DPYSL2 Products)

Target Details

Background:

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.

Miki Y., Science 266:66-71(1994).

Smith T.M., Genome Res. 6:1029-1049(1996).

Wilson C.A., Oncogene 14:1-16(1997).

Aliases: Collapsin response mediator protein 2 antibody, Collapsin response mediator protein antibody, Collapsin response mediator protein hCRMP 2 antibody, CRAM antibody, CRMP 2 antibody, CRMP-2 antibody, CRMP-2 antibody, DHPRP 2 antibody, DHPRP2 antibody, Dihydropyrimidinase 2 antibody, Dihydropyrimidinase like 2 antibody, Dihydropyrimidinase like 2 long form antibody, Dihydropyrimidinase related protein 2 antibody, Dihydropyrimidinase-related protein 2 antibody, DPYL2_HUMAN antibody, DPYSL 2 antibody, DPYL2 antibody, DPYL2_HUMAN antibody, DPYSL 2 antibody, Dpysl2 antibody, DRP-2 antibody, DRP2 antibody, Musunc 33 antibody, Musunc33 antibody, N2A3 antibody, TOAD 64 antibody, TOAD64 antibody, ULIP 2 protein antibody, ULIP-2 antibody, Ulip2 antibody, Unc-33-like phosphoprotein 2 antibody

UniProt:

Q16555

Pathways:

Regulation of Cell Size

Application Details

Application Notes:

WB:1:500-1:1000, IHC:1:50-1:100,

Restrictions:

For Research Use only

Handling

Format:

Liquid

Buffer:

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl,

0.02 % sodium azide and 50 % glycerol.

Preservative:

Sodium azide

Precaution of Use:

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.

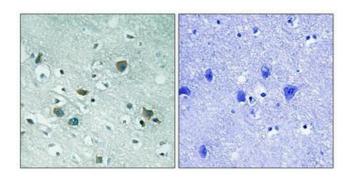
Storage:

-20 °C,-80 °C

Storage Comment:

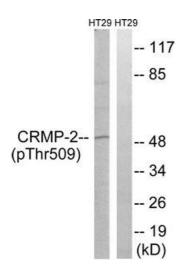
Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffinembedded human brain tissue using CRMP-2 (Phospho-Thr509) antibody (left)or the same antibody preincubated with blocking peptide (right).



Western Blotting

Image 2. Western blot analysis of extracts from HT-29 cells treated with heat shock using CRMP-2 (Phospho-Thr509) Antibody. The lane on the right is treated with the antigenspecific peptide.