

Datasheet for ABIN7179995
anti-DPYSL2 antibody (Thr509)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	DPYSL2
Binding Specificity:	Thr509
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYSL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthesized non-phosphopeptide derived from Human CRMP-2 around the phosphorylation site of threonine 509 (S-V-T(p)-P-K).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	DPYSL2
Alternative Name:	DPYSL2 (DPYSL2 Products)

Target Details

Background:	<p>Background: Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis.</p> <p>Goshima Y., Nature 376:509-514(1995).</p> <p>Hamajima N., Gene 180:157-163(1996).</p> <p>Kitamura K., DNA Res. 6:291-297(1999).</p> <p>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, CRMP2 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, DPYL 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</p>
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UniProt:	Q16555
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Pathways:	Regulation of Cell Size
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Application Details

Application Notes:	WB:1:500-1:3000, IHC:1:50-1:100,
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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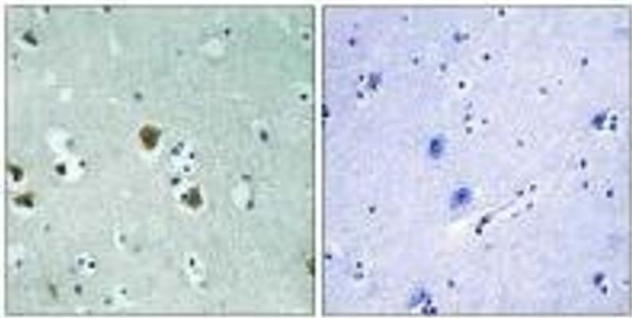
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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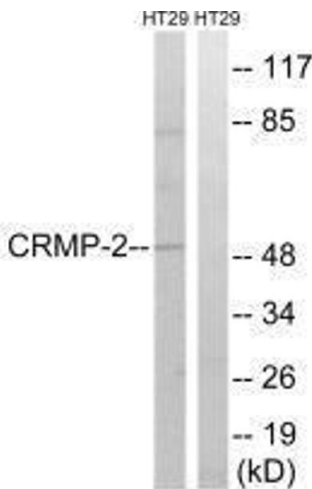
Storage:	-20 °C,-80 °C
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Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
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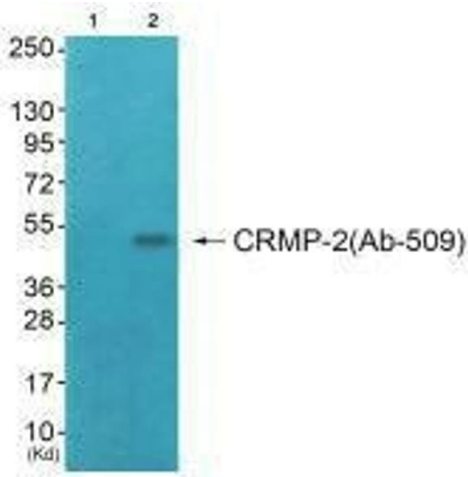
Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain tissue using CRMP-2 (Ab-509) antibody.



Western Blotting

Image 2. Western blot analysis of extracts from HT-29 cells, treated with heat shock, using CRMP-2 (Ab-509) antibody.



Western Blotting

Image 3. Western blot analysis of extracts from COS7 cells (Lane 2), using CRMP-2 (Ab-509) antibody. The lane on the left is treated with synthesized peptide.