

PRODUCT DATA SHEET

pab0114 Polyclonal Antibody to Collapsing-response mediator protein Type 1 (CRMP1)

Product Number/Size

pab0114-0	Lyophilized from 100 µl of serum
pab0114-1	Lyophilized from 200 µl of serum

Product specifications

Immunogen	A 15 residue synthetic peptide derived from C-terminal domain of human collapsing-response mediator protein Type 1 (MW : 65 kDa)		
Form	Antiserum	Raised in	Rabbit
Specificity	Antiserum to CRMP1 reacts specifically with 65 kDa protein of human rat and mouse CRMP1 protein		
Cross reactions	No cross reactivity was detected with CRMP2, CRMP3, CRMP4 or CRMP5		
Working dilutions	Optimal dilution should be determined by the end user The following are guidelines only : - Immunohistology : 1/500 - Western Blot : 1/2 000		

Packaging specifications

Appearance	Lyophilized powder (glass vial) Vial must be reconstituted as follow : - pab0114-0 in 100 µl of distilled water - pab0114-1 in 200 µl of distilled water
Preservative	None
Storage	Short term storage : +4°C Long term storage : -20°C

References

- 1) Veyrac A. et al. Expression of collapsin response mediator proteins 1, 2 and 5 is differentially regulated in newly generated and mature neurons of the adult olfactory system. *Eur J Neurosci.* 2005;21:2635-48.
- 2) Bertin S. et al. Differential expression of CRMP1, CRMP2A, CRMP2B, and CRMP5 in axons or dendrites of distinct neurons in the mouse brain. *J Comp Neurol.* 2005;486:1-17.
- 3) Quach T. et al. Involvement of collapsin response mediator proteins in the neurite extension induced by neurotrophins in dorsal root ganglion neurons. *Mol Cell Neurosci.* 2004;25:433-43.
- 4) Charrier E. et al. Collapsin response mediator proteins (CRMPs): involvement in nervous system development and adult neurodegenerative disorders. *Mol Neurobiol.* 2003;28:51-64. Review.
- 5) Ricard D et al. Isolation and expression pattern of human Unc-33-like phosphoprotein 6/collapsin response mediator protein 5 (Ulip6/CRMP5): coexistence with Ulip2/CRMP2 in Sema3a- sensitive oligodendrocytes. *J Neurosci.* 2001 ; 21:7203-14.
- 6) Honnorat J. et al. Ulip/CRMP proteins are recognized by autoantibodies in paraneoplastic neurological syndromes. *Eur J Neurosci.* 1999;11:4226-32.



Product type

Primary antibody

Clonality

Polyclonal Antibody

Related product

pab0115; pab0116;
pab0117; pab0118;
lab0273 ; lab0270 ;
lab0264 ; lab0271 ;
lab0274 ; lab0269 ;
lab0272 ; opr0002 ;
opr0008 ; opr0009

Warning

This is a laboratory reagent. It is not to be administered to human or animals nor be used as a drug

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version C

Covalab France

11, Avenue Albert Einstein
69100 Villeurbanne – France
Phone +33 (0) 437 654 230
Fax +33 (0) 437 289 416
Email pa@covalab.com
www.covalab.com

Covalab – UK Ltd

St John's Innovation Centre
Unit 75, Cowley Road
Cambridge, CB40WS – UK
Phone +44 (0) 1223 421055
Fax +44 (0) 1223 420844
Email enquiries@covalab.co.uk
www.covalab.co.uk