

Product Datasheet

RCOR2 Antibody - BSA Free

NBP1-74099

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-74099

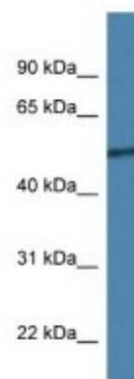
RCOR2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	53 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	283248
Gene Symbol	RCOR2
Species	Mouse
Immunogen	Synthetic peptides corresponding to the C terminal of Rcor2. Immunizing peptide sequence PPEANTKFNSRWTTDEQLLAVQAIRRYGKDFGAIAEVIGNKTLTQVKTF. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry Free-Floating
Application Notes	Use in Immunohistochemistry free floating reported in scientific literature (PMID 26795843).

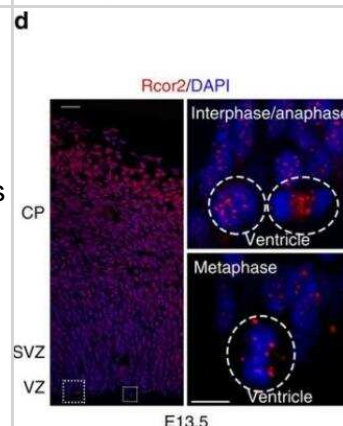


Images

Western Blot: RCOR2 Antibody [NBP1-74099] - Titration: 1.0 ug/ml
Positive Control: Mouse Small Intestine.



Immunocytochemistry/Immunofluorescence: RCOR2 Antibody [NBP1-74099] - Rcor2 expresses in the CNS and regulates cortical development. Confocal images of immunofluorescence to detect cellular localization of Rcor2 in the neocortex at E13.5. Rcor2 localized mainly in the nucleus at interphase and metaphase, and localized between separated chromosomes in anaphase of dividing cells in VZ. Dotted lines circle the shape of nuclei. Scale bar, 5 um. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/doifinder/10.1038/ncomms10481>) licensed under a CC-BY license.



Publications

Wang Y, Wu Q, Yang P et al. LSD1 co-repressor Rcor2 orchestrates neurogenesis in the developing mouse brain. Nat Commun. 2016-01-22 [PMID: 26795843] (IHC-FrFI, Mouse)

Details:

RCOR2 antibody was used for Western blot analysis of whole brain lysates from wild type developing embryos (E11.5-E17.5) and from Rcor2^{fl/fl} as well as Rcor2c-Knockout brains at E13.5 /E15.5 stages. The antibody was also used for IHC staining of coronal sections from embryonic brains of similar animals (Figure 1).



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Products Related to NBP1-74099

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-92323PEP	RCOR2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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