

# Product Datasheet

## RCOR2 Antibody - BSA Free

### NBP1-92323

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 3

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Updated 2/21/2025 v.20.1

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**NBP1-92323**

RCOR2 Antibody - BSA Free

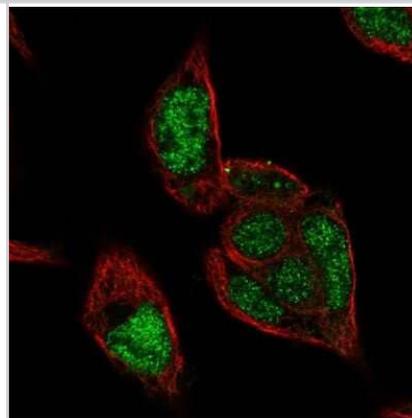
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	283248
Gene Symbol	RCOR2
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:26111147).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PSVMEKPSAGSGILSRRAKTVPNGGQPHSEDDSSSEEEHSHD SMIRVGTNYQ AVIPECKPESPARYSNKELKGMLVWSPNHCVSDAK

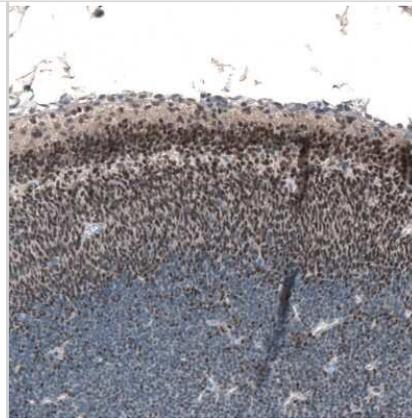
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reactivity reported in (PMID: 24820421), Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

Immunocytochemistry/Immunofluorescence: RCOR2 Antibody [NBP1-92323] - Staining of human cell line Hep G2 shows localization to nucleus. Antibody staining is shown in green.



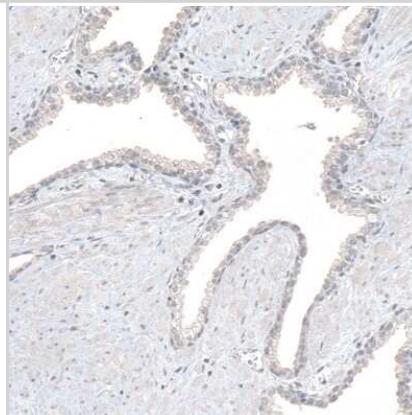
Immunohistochemistry-Paraffin: RCOR2 Antibody [NBP1-92323] - Staining of mouse embryo E14 shows strong nuclear positivity in developing neurons.



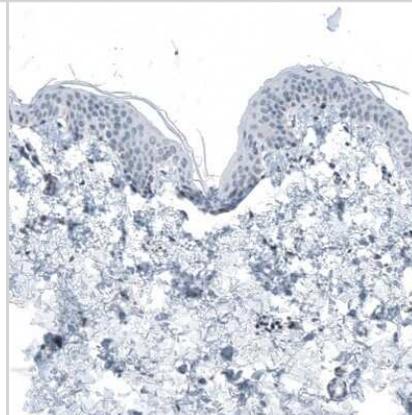
Immunohistochemistry-Paraffin: RCOR2 Antibody [NBP1-92323] - Staining of human astrocytoma shows moderate nuclear positivity in a subset of tumor cells.



Immunohistochemistry-Paraffin: RCOR2 Antibody [NBP1-92323] - Staining of human prostate shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: RCOR2 Antibody [NBP1-92323] - Staining of human skin shows no positivity in squamous epithelial cells as expected.



## Publications

Pei L, Zhang H, Zhang M et al. Rcor2 Is Required for Somatic Differentiation and Represses Germline Cell Fate Stem cells international 2022-03-19 [PMID: 35345626] (WB, Mouse)

Saez JE, Gomez AV, Barrios AP et al. Decreased Expression of CoREST1 and CoREST2 Together with LSD1 and HDAC1/2 during Neuronal Differentiation. PLoS One 2015-01-01 [PMID: 26111147] (ICC/IF, Rat)

Barrios OP, Gomez AV, Saez JE et al. Differential Properties of Transcriptional Complexes Formed by the CoREST Family. Mol Cell Biol 2014-07-01 [PMID: 24820421] (IF/IHC, WB, Rat, Human)





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### **Products Related to NBP1-92323**

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

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### **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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