

# Product Datasheet

## PTCHD1 Antibody NBP1-52108

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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



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### Publications: 4

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**NBP1-52108**

## PTCHD1 Antibody

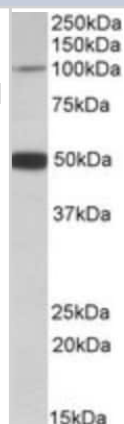
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat PTCHD1 Antibody (NBP1-52108) is a polyclonal antibody validated for use in WB and ELISA. Anti-PTCHD1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	139411
Gene Symbol	PTCHD1
Species	Human
Immunogen	Peptide with sequence C-DFQKTSRVSER corresponding to internal region according to NP_775766.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 2 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 100 kDa band observed in human brain (cerebellum) lysates (calculated MW of 101 kDa band according to NP_775766.2). An additional band of unknown identity was also consistently observed at 50 kDa. This band was successfully blocked by incubation with the immunizing peptide.

**Images**

Western Blot: PTCHD1 Antibody [NBP1-52108] - Western blot analysis of PTCHD1 in Human Cerebellum lysate (35ug protein in RIPA buffer) using NBP1-52108 at 0.5ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Farley KO, Forbes CA, Shaw NC et al. CRISPR/Cas9 generated PTCHD1 2489T>G stem cells recapitulate patient phenotype when undergoing neural induction HGG advances 2023-11-24 [PMID: 38007613] (WB, Human)

Details:  
1:500 dilution

Farley K, Forbes C, Shaw N et al. CRISPR/Cas9 generated PTCHD1 2489T>G stem cells recapitulate patient phenotype when undergoing neural induction Research Square 2023-05-16 (WB, Human)

Details:  
WB 1:500

Farley K, Forbes C, Shaw N et al. CRISPR/Cas9 generated PTCHD1 2489T>G stem cells recapitulate patient phenotype when undergoing neural induction Research Square 2023-05-16 (WB, Human)

Details:  
WB 1:500

Pinto D, Pagnamenta AT, Klei L et al. Functional impact of global rare copy number variation in autism spectrum disorders. Nature 2010-07-15 [PMID: 20531469]





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### **Products Related to NBP1-52108**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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