

# Product Datasheet

## Protocadherin-12 Antibody - BSA Free NBP1-77002

Unit Size: 0.1 mg

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

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### Publications: 1

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**NBP1-77002**

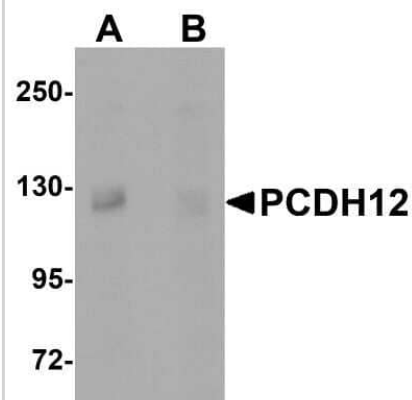
Protocadherin-12 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	125 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	51294
<b>Gene Symbol</b>	PCDH12
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	This antibody is predicted to not cross-react with PCDH18.
<b>Immunogen</b>	Antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human PCDH12. The immunogen is located within amino acids 30 - 80 of PCDH12. Amino Acid Sequence: KLSQELGREERRRQAGA
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml

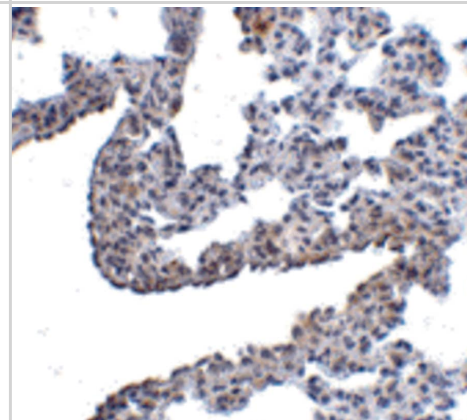


## Images

Western Blot: Protocadherin-12 Antibody [NBP1-77002] - Analysis of PCDH12 in K562 cell lysate with PCDH12 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry: Protocadherin-12 Antibody - BSA Free [NBP1-77002] - Immunohistochemistry of Protocadherin-12 in rat lung tissue with Protocadherin-12 antibody at 5 ug/mL.



## Publications

Sobel RA, Eaton MJ, Jaju PD et al. Anti-Myelin Proteolipid Protein Peptide Monoclonal Antibodies Recognize Cell Surface Proteins on Developing Neurons and Inhibit Their Differentiation *J. Neuropathol. Exp. Neurol.* 2019-09-01 [PMID: 31400116] (IHC-P, Rat)



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### **Products Related to NBP1-77002**

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NBP1-77002PEP	Protocadherin-12 Antibody Blocking Peptide
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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