

Product Datasheet

Protocadherin-8 Antibody (6A8) - Azide and BSA Free H00005100-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00005100-M01

Protocadherin-8 Antibody (6A8) - Azide and BSA Free

Product Information

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6A8
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

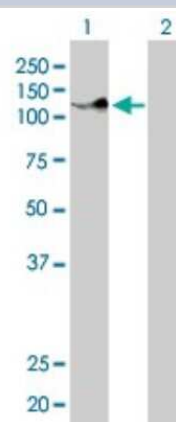
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5100
Gene Symbol	PCDH8
Species	Human
Specificity/Sensitivity	PCDH8 - protocadherin 8
Immunogen	PCDH8 (NP_002581, 32 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VRYSTFEEDAPGTVIGTLAEDLHMKVSGDTSFRLMKQFNSSLLRVREGDGQLT VGDAGLDRERLCGQAPQCVLAFDVVSFSQEQFRLVH
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

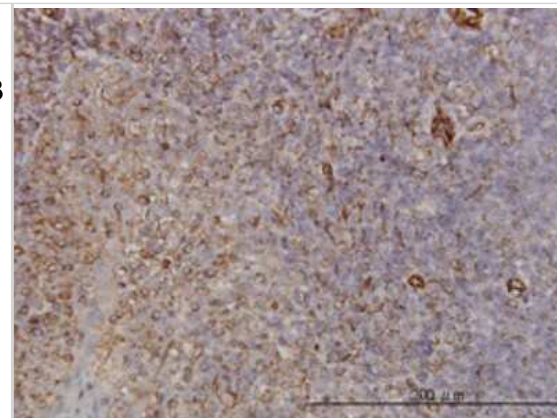
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P, RNAi Validation and ELISA.

Images

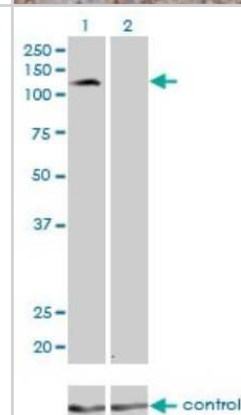
Western Blot: Protocadherin-8 Antibody (6A8) [H00005100-M01] - Analysis of PCDH8 expression in transfected 293T cell line by PCDH8 monoclonal antibody (M01), clone 6A8. Lane 1: PCDH8 transfected lysate (113 KDa). Lane 2: Non-transfected lysate.



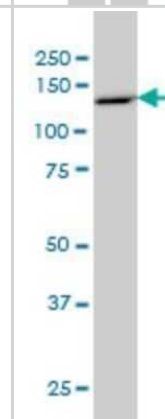
Immunohistochemistry-Paraffin: Protocadherin-8 Antibody (6A8) [H00005100-M01] - Analysis of monoclonal antibody to PCDH8 on formalin-fixed paraffin-embedded human tonsil. Antibody concentration 3 ug/ml.



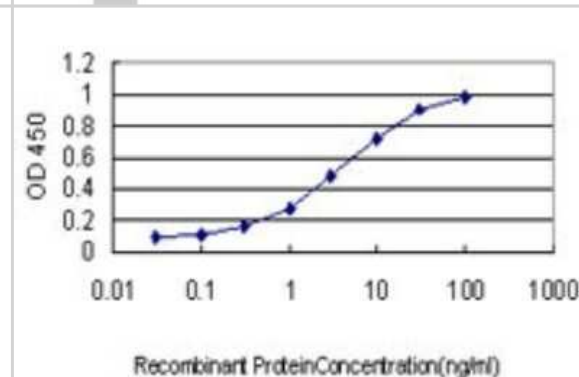
Western Blot: Protocadherin-8 Antibody (6A8) [H00005100-M01] - Analysis of PCDH8 over-expressed 293 cell line, cotransfected with PCDH8 Validated Chimera RNAi (Cat # H00005100-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PCDH8 monoclonal antibody (M01), clone 6A8 (Cat # H00005100-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot: Protocadherin-8 Antibody (6A8) [H00005100-M01] - PCDH8 monoclonal antibody (M01), clone 6A8 Analysis of PCDH8 expression in COLO 320 HSR.



Sandwich ELISA: Protocadherin-8 Antibody (6A8) [H00005100-M01] - Detection limit for recombinant GST tagged PCDH8 is approximately 0.1ng/ml as a capture antibody.



Publications

Yosuke I, Toshinori S, Natsumi Y et al. Comparative distribution of Arcadlin/Protocadherin-8 mRNA in the intact and ischemic brains of adult mice. J Comp Neurol. 2022-04-03 [PMID: 35368102]

Chiaki T, Miho I, Toshinori S et al. Dendritic Spine Density is Increased in Arcadlin-deleted Mouse Hippocampus. Neuroscience. 2020-07-03 [PMID: 32629153]

Tanaka H, Sawano T, Konishi N et al. Serotonin induces Arcadlin in hippocampal neurons. Neurosci Lett. 2020-01-22 [PMID: 31981722]

Haeberle H, Dudley JT, Liu JT et al. Identification of Cell Surface Targets through Meta-analysis of Microarray Data. Neoplasia. 2012-07-01 [PMID: 22904683]





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Products Related to H00005100-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-88850PEP	Protocadherin-8 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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