

Product Datasheet

Protocadherin-15 Antibody

20950002-0.1mg

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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Protocadherin-15 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	Please see the 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	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl
Target Molecular Weight	216 kDa

Product Description	
Host	Rabbit
Gene ID	65217
Gene Symbol	PCDH15
Species	Human, Chicken
Reactivity Notes	Human. Use in Chicken reported in scientific literature (PMID:30061390).
Specificity/Sensitivity	This product is specific for Human PCDH15.
Immunogen	This antibody is specific for the N Terminus Region of the target protein (NM_023115).
Notes	Manufactured by SDIX's proprietary Genomic Antibody Technology™. GAT FAQs .

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:5000-1:20000, ELISA 1:100-1:2000



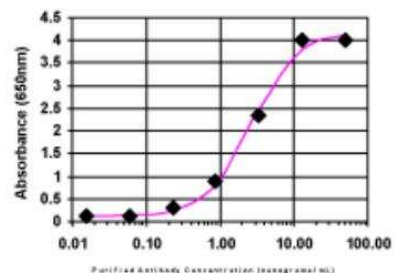
Images

Western Blot: Protocadherin-15 Antibody [20950002] - Western Blot was performed using affinity purified SEQer PCDH15 antibody, aa(108-207) antibody. The lanes contain 5-30ug of a whole cell extract. Final concentration of antibodies = 0.1ug/ml (1:10,000 dilution). The blot was probed overnight with the SEQer PCDH15 antibody, aa(108-207) antibody. Blot was then washed according to protocol and probed with goat-anti-Rabbit-HRP conjugate at 1:5000 dilution, washed and developed using chemiluminescence (film exposure 5-30sec). The protein was detected as represented by the band shown.



ELISA: Protocadherin-15 Antibody [20950002]

ELISA:



The affinity purified antibody was serially diluted onto an ELISA plate coated with a recombinant protein fragment.

Publications

Honda A, Kita T, Seshadri SV et al. FGFR1-mediated protocadherin-15 loading mediates cargo specificity during intraflagellar transport in inner ear hair-cell kinocilia Proc. Natl. Acad. Sci. U.S.A. 2018-08-14 [PMID: 30061390] (ICC/IF, IP, WB, Chicken)

Garrison C, Lastwika K, Zhang Y et al. Proteomic Analysis, Immune Dysregulation, and Pathway Interconnections With Obesity J Proteome Res. 2017-01-06 [PMID: 27769113] (MiAr)

Details:

Analysis is performed on plasma proteomic data to identify how obesity can alter pathways and to highlight the risk factor for disease in subjects with a high body mass index.

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays J Proteome Res. 2013-05-03 [PMID: 23541305] (MiAr)

Details:

A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.



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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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