

# Product Datasheet

## N-Cadherin Antibody

### 22200002-0.1mg

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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**22200002-0.1mg**

N-Cadherin Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<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>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	1000
<b>Gene Symbol</b>	CDH2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human.
<b>Marker</b>	Mesenchymal Cells Marker
<b>Specificity/Sensitivity</b>	This product is specific for Human CDH2.
<b>Immunogen</b>	This antibody is specific for the N Terminus Region of the target protein.
<b>Notes</b>	Manufactured by SDIX's proprietary Genomic Antibody Technology®. GAT <a href="#">FAQs</a> .

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:5000-1:20000, ELISA 1:100-1:2000
<b>Application Notes</b>	This antibody is useful in ELISA and Western Blot.

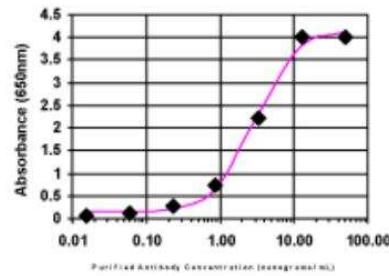
## Images

Western Blot: N-Cadherin Antibody [22200002] - Western Blot was performed using affinity purified SEQer CDH2 antibody, aa(59-158) 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 CDH2 antibody, aa(59-158) 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: N-Cadherin Antibody [22200002]

### ELISA:



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

## Publications

Shen PW, Ho CT, Hsiao SH Et al. Disruption of Cytosolic Folate Integrity Aggravates Resistance to Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors and Modulates Metastatic Properties in Non-Small-Cell Lung Cancer Cells International journal of molecular sciences 2021-08-17 [PMID: 34445544]

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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