

Product Datasheet

Cadherin-4/R-Cadherin Antibody

NBP1-90370

Unit Size: 0.1 ml

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

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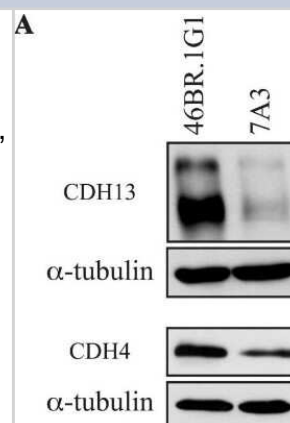
NBP1-90370**Cadherin-4/R-Cadherin Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See 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	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	1002
Gene Symbol	CDH4
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YLIDINDNAPELLPKEAQICERP NLNAINITAADADVDPNIGPYVFELPFVPAAVR KNWTITRLNGDYAQLSLRILYLEAGMYDVPIIVTDSGNPPLSNTSIIKVKVCPCD
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
Application Notes	ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

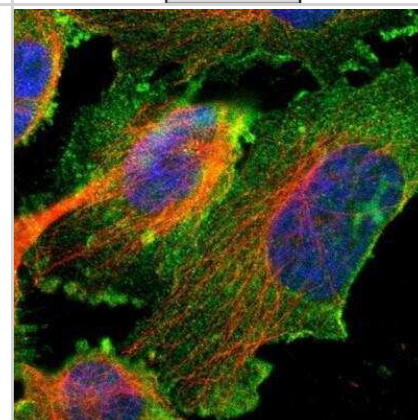


Images

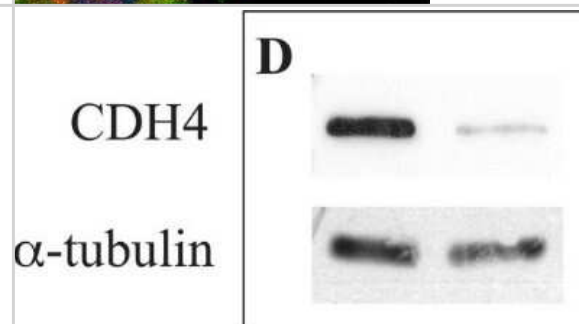
Western Blot: Cadherin-4/R-Cadherin Antibody [NBP1-90370] - Differential expression of cadherin 13 and cadherin 4 proteins in 46BR.1G1 and 7A3 cells. Cell lysates from 46BR.1G1 and 7A3 cells were analyzed by Western blotting with anti-cadherin 13, anti-cadherin 4, and anti-alpha-tubulin antibodies. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0130561>), licensed under a CC-BY license.



Immunocytochemistry/Immunofluorescence: Cadherin-4/R-Cadherin Antibody [NBP1-90370] - Staining of human cell line U-251MG shows positivity in plasma membrane. Antibody staining is shown in green.



Western Blot: Cadherin-4/R-Cadherin Antibody [NBP1-90370] - Differential expression of cadherin 13 and cadherin 4 proteins in 46BR.1G1 and 31W cells. Cell lysates from 46BR.1G1 and 31W cells were analyzed by Western blotting with antibodies against the indicated proteins. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0130561>), licensed under a CC-BY license.



Publications

Aschauer L, Gruber LN, Pfaller W et al. Delineation of the Key Aspects in the Regulation of Epithelial Monolayer Formation. *Mol Cell Biol* 2013-07-01 [PMID: 23608536]

Cremaschi P, Oliverio M, Leva V et al. Chronic Replication Problems Impact Cell Morphology and Adhesion of DNA Ligase I Defective Cells *PLoS ONE*. 2015-07-08 [PMID: 26151554] (WB, Human)

Details:

Cadherin-4/R-Cadherin antibody was used at 1:300 dilution for WB assay on lysates from Human SV40-transformed 46BR.1G1 fibroblasts, 7A3 cells and 31W cells (Figure 5 and 6).



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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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