

CDH8 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP1402a

Product Information

Application IHC-P, WB, E **Primary Accession** P55286 Reactivity Human, Rat Host Rabbit Clonality Polyclonal Isotype Rabbit IgG **Clone Names** RB13681 **Antigen Region** 33-63

Additional Information

Other Names Cadherin-8, CDH8

Target/Specificity This CDH8 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 33-63 amino acids from the N-terminal

region of human CDH8.

Dilution IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions CDH8 Antibody (N-term) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

Background

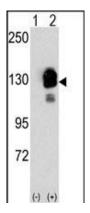
CDH8 is a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. The extracellular domain consists of 5 subdomains, each containing a cadherin motif, and appears to determine the specificity of the protein's homophilic cell adhesion activity. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is expressed in brain and is putatively involved in synaptic adhesion,

axon outgrowth and guidance.

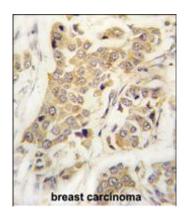
References

Blaschke, S., Int. J. Cancer 101 (4), 327-334 (2002) Shimoyama, Y., Biochem. J. 349 (PT 1), 159-167 (2000)

Images



Western blot analysis of CDH8(arrow) using rabbit polyclonal CDH8 (N-term) (Cat.#AP1402a).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CDH8 gene (Lane 2) (Origene Technologies).



Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with CDH8 antibody (N-term) (Cat.#AP1402a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.