

Datasheet for ABIN388149
anti-Cadherin 8 antibody (N-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	Cadherin 8 (CDH8)
Binding Specificity:	AA 33-63, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cadherin 8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB13681
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Cadherin 8 (CDH8)
Alternative Name:	CDH8 (CDH8 Products)
Background:	CDH8 is a type II classical cadherin from the cadherin superfamily, integral membrane proteins

Target Details

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.

Molecular Weight: 88253

Gene ID: 1006

NCBI Accession: [NP_001787](#)

UniProt: [P55286](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

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

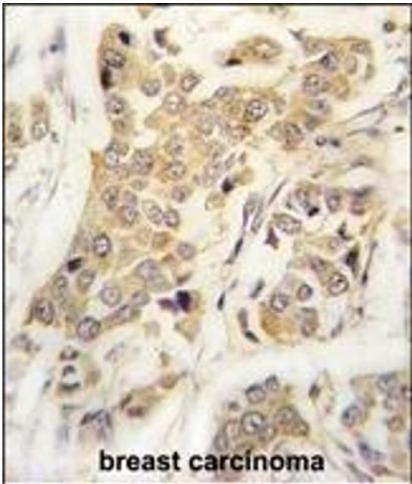
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

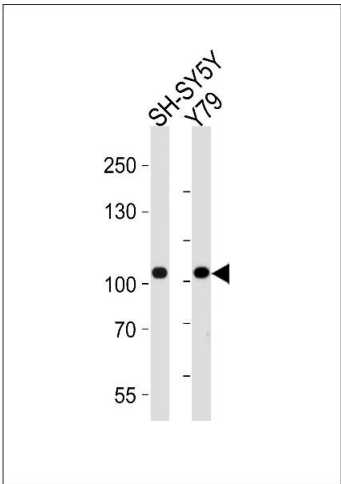
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with CDH8 antibody (N-term) (ABIN388149 and ABIN2846895) , 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.



Western Blotting

Image 2. Western blot analysis of lysates from SH-SY5Y, Y79 cell line (from left to right), using CDH8 Antibody (N-term) (ABIN388149 and ABIN2846895). (ABIN388149 and ABIN2846895) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.