

CDH8 Polyclonal Antibody

Catalog NumberPA5-36347

Product data sheet

| Details | | Species Reactivity | |
|--------------------|--|--|-------------------|
| Size | 100 µL | Species reactivity | Human, Mouse, Rat |
| Host/Isotope | Rabbit / IgG | Tested Applications | |
| Class | Polyclonal | Immunohistochemistry (Paraffin) (IHC (P)) | 1:50-1:200 |
| Type | Antibody | Western Blot (WB) | 1:500-1:1,000 |
| Immunogen | Synthetic peptide corresponding to amino acids 500-550 of human Cadherin-8 | Immunocytochemistry (ICC/IF) | 1:50-1:200 |
| Conjugate | Unconjugated | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. | |
| Form | Liquid | | |
| Concentration | 1 mg/mL | | |
| Storage Conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. | | |

Product specific information

This antibody detects endogenous protein at a molecular weight of 88 kDa. Purity is >95% by SDS-PAGE.

Background/Target Information

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.

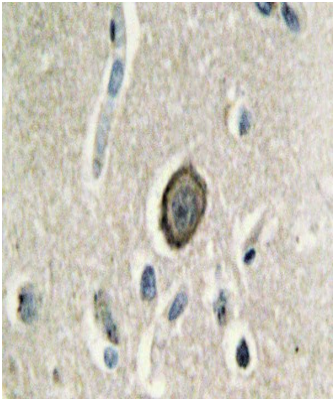
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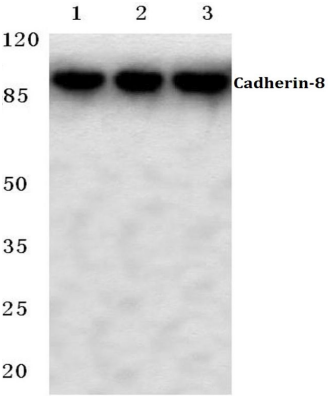
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Product Images For CDH8 Polyclonal Antibody



CDH8 Antibody (PA5-36347) in IHC (P)
Immunohistochemical analysis of Cadherin 8 in paraffin-embedded human brain tissue using Cadherin 8 polyclonal antibody (Product # PA5-36347).



CDH8 Antibody (PA5-36347) in WB
Western blot analysis of Cadherin 8 using Cadherin 8 polyclonal antibody (Product # PA5-36347) at a dilution of 1:500. Lane 1: Hela cell lysate, Lane 2: Mouse liver tissue lysate, Lane 3: Rat liver tissue lysate.

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