CDH10 Rabbit Polyclonal Antibody

CAB10204

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

105kDa

Calculated MW:

88kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:1000 - 1:2000 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

This gene encodes a type II classical cadherin of the cadherin superfamily. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature cadherin protein. These integral membrane proteins mediate calcium-dependent cell-cell adhesion and 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 histidine-alanine-valine (HAV) cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is predominantly expressed in brain and is putatively involved in synaptic adhesions, axon outgrowth and guidance. Mutations in this gene may be associated with lung squamous cell carcinoma and colorectal cancer in human patients.

Immunogen information

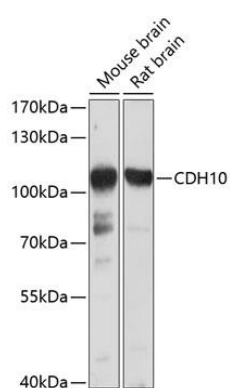**Gene ID:**
1008

Uniprot
Q9Y6N8

Synonyms:
CDH10

Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 20-260 of human CDH10 (NP_006718.2).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

Western blot analysis of extracts of various cell lines, using CDH10 antibody (CAB10204) at 1:1000 dilution._Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution._Lysates/proteins: 25ug per lane._Blocking buffer: 3% nonfat dry milk in TBST._Detection: ECL Basic Kit (CABM00020)._Exposure time: 10s.