

# CDH18 Rabbit pAb

Catalog No.: A14645 **1 Publications**

## Basic Information

### Observed MW

### Calculated MW

88kDa

### Category

Primary antibody

### Applications

ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a type II classical cadherin from the cadherin superfamily of 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. 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 specifically in the central nervous system and is putatively involved in synaptic adhesion, axon outgrowth and guidance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

## Immunogen Information

### Gene ID

1016

### Swiss Prot

Q13634

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 300-500 of human CDH18 (NP\_004925.1).

### Synonyms

CDH14; CDH24; CDH14L; CDH18

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.