

## N-cadherin Rabbit pAb

CatalogNo: YT2988

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 100-140kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**IF 1:200-1:1000**

**ELISA 1:10000**

**Not yet tested in other applications.**

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human CDH2. AA range: 721-770

**Specificity** N-cadherin Polyclonal Antibody detects endogenous levels of N-cadherin protein.

## | Target Information

**Gene name** CDH2

**Protein Name** Cadherin-2

Organism	Gene ID	UniProt ID
Human	<a href="#">1000;</a>	<a href="#">P19022;</a>
Mouse	<a href="#">12558;</a>	<a href="#">P15116;</a>
Rat	<a href="#">83501;</a>	<a href="#">Q9Z1Y3;</a>

**Cellular Localization** Cell membrane ; Single-pass type I membrane protein . Cell membrane, sarcolemma . Cell junction . Cell surface . Colocalizes with TMEM65 at the intercalated disk in cardiomyocytes. Colocalizes with OBSCN at the intercalated disk and at sarcolemma in cardiomyocytes. .

**Tissue specificity** Brain,Epithelium,Liver,

**Function** Function:Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH2 may be involved in neuronal recognition mechanism.,similarity:Contains 5 cadherin domains.,subunit:Interacts with CDCP1.,

## | Validation Data

## | Contact information

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**N-cadherin Rabbit pAb**

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