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# Product datasheet for TA374534S

## R Cadherin (CDH4) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | ELISA, WB |
| **Recommended Dilution:** | WB,1:1000 - 1:2000<br>ELISA,Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |
| **Reactivity:** | Human, Mouse, Rat |
| **Modifications:** | Unmodified |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Formulation:** | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| **Concentration:** | lot specific |
| **Purification:** | Affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20℃. Avoid freeze / thaw cycles. |
| **Stability:** | Shelf life: one year from despatch. |
| **Predicted Protein Size:** | 100kDa |
| **Gene Name:** | cadherin 4 |
| **Database Link:** | Entrez Gene 1002 Human<br>P55283 |

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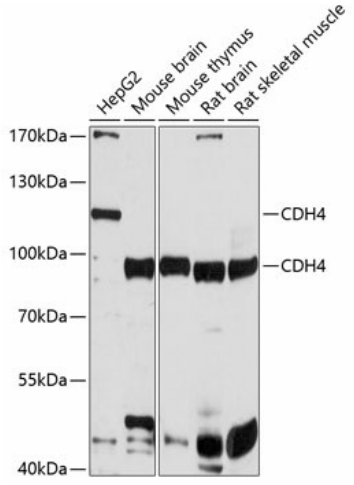
**Background:** This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Based on studies in chicken and mouse, this cadherin is thought to play an important role during brain segmentation and neuronal outgrowth. In addition, a role in kidney and muscle development is indicated. Of particular interest are studies showing stable cis-heterodimers of cadherins 2 and 4 in cotransfected cell lines. Previously thought to interact in an exclusively homophilic manner, this is the first evidence of cadherin heterodimerization. Three transcript variants encoding different isoforms have been found for this gene.

**Synonyms:** CAD4; FLJ22202; FLJ40547; MGC126700; MGC138355; R-CAD; R-cadherin; RCAD

## Product images:




Western blot analysis of various lysates using CDH4 Rabbit pAb ([TA374534]) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.