

**CDH22 Antibody (Center) Blocking peptide**  
Synthetic peptide  
Catalog # BP13244c**Specification**

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**CDH22 Antibody (Center) Blocking peptide - Product Information**Primary Accession [O9UJ99](#)**CDH22 Antibody (Center) Blocking peptide - Additional Information**

Gene ID 64405

**Other Names**

Cadherin-22, Pituitary and brain cadherin, PB-cadherin, CDH22, C20orf25

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13244c was selected from the Center region of CDH22. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CDH22 Antibody (Center) Blocking peptide - Protein Information**

Name CDH22

Synonyms C20orf25

**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. PB-cadherins may have a role in the morphological organization of pituitary gland and brain tissues (By similarity).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**CDH22 Antibody (Center) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **CDH22 Antibody (Center) Blocking peptide - Images**

#### **CDH22 Antibody (Center) Blocking peptide - Background**

This gene is a member of the cadherin superfamily. The gene product is composed of five cadherin repeat domains and a cytoplasmic tail similar to the highly conserved cytoplasmic region of classical cadherins. Expressed predominantly in the brain, this putative calcium-dependent cell adhesion protein may play an important role in morphogenesis and tissue formation in neural and non-neural cells during development and maintenance of the brain and neuroendocrine organs.

#### **CDH22 Antibody (Center) Blocking peptide - References**

Lewis, J.P., et al. Genomics (2010) In press :Liu, Y., et al. Cancer Biol. Ther. 8(14):1352-1359(2009)Zhou, J., et al. Tumour Biol. 30(3):130-140(2009)Bento, J.L., et al. Genomics 92(4):226-234(2008)Wu, J., et al. J. Endocrinol. 176(3):381-391(2003)