

### CDH22 Antibody (Center) Blocking peptide

Synthetic peptide Catalog # BP13244c

#### **Specification**

CDH22 Antibody (Center) Blocking peptide - Product Information

Primary Accession <a href="Q9UJ99">Q9UJ99</a>

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

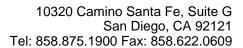
**Function** 

# CDH22 Antibody (Center) Blocking peptide - Background

This gene is a member of the cadherin superfamily. Thegene product is composed of five cadherin repeat domains and acytoplasmic tail similar to the highly conserved cytoplasmic regionof classical cadherins. Expressed predominantly in the brain, thisputative calcium-dependent cell adhesion protein may play animportant role in morphogenesis and tissue formation in neural andnon-neural cells during development and maintenance of the brainand 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)





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