

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

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)