

Rabbit anti-Human CDH22 Polyclonal Antibody | anti-CDH22 antibody

CDH22 Antibody (Center)

CATALOG # AAA286399	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

CDH22; Polyclonal Antibody; CDH22 Antibody (Center); Cadherin-22; Pituitary and brain cadherin; PB-cadherin; C20orf25; anti-CDH22 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDH22 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 411-440 amino acids from the Central region of human CDH22.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	411-440
Sequence Length	828
Applicable Applications for anti-CDH22 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

CDH22 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CDH22 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

CDH22 Antibody (Center) western blot analysis in HepG2, 293, K562 cell line lysates (35ug/lane). This demonstrates the CDH22 antibody detected the CDH22 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CDH22 antibody	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.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16753221
NCBI GeneID	64405
NCBI Accession #	NP_067071.1
NCBI GenBank Nucleotide #	NM_021248.2
UniProt Accession #	Q9UJ99; O43205; B9EGK7
Molecular Weight	89091
NCBI Official Full Name	cadherin-22
NCBI Official Synonym Full Names	cadherin 22, type 2
NCBI Official Symbol	CDH22
NCBI Official Synonym Symbols	C20orf25; dJ998H6.1
NCBI Protein Information	cadherin-22
UniProt Protein Name	Cadherin-22
UniProt Gene Name	CDH22
UniProt Synonym Gene Names	C20orf25; PB-cadherin
UniProt Entry Name	CAD22_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdh22-antibody-immunohistochemistry-western-blot-elisa/286399>