

Rabbit CDH22 Polyclonal Antibody | anti-CDH22 antibody

CDH22 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324218	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CDH22; Polyclonal Antibody; CDH22 Antibody; C20orf25; CAD22_HUMAN; Cadherin 22; type 2; Cadherin-22; Cadherin-like 22; Cdh22; dJ998H6.1; MGC39564; Ortholog of rat PB-cadherin; PB-cadherin; Pituitary and brain cadherin; anti-CDH22 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CDH22 antibody detects endogenous levels of total CDH22
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	828
Applicable Applications for anti-CDH22 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA324218 at 1/100 staining Mouse intestine tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA324218 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from rat brain cells, using CDH22 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH22 antibody

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). Similarity: Three calcium ions are usually bound at the interface of each cadherin domain and rigidify the connections, imparting a strong curvature to the full-length ectodomain.

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	Observed: 84 kD Predicted: 90 kDa
NCBI Official Full Name	cadherin-22
NCBI Official Synonym Full Names	cadherin 22
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

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324218>