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CDH22 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13244c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UJ99
Other Accession	NP_067071.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33115
Calculated MW	89091
Antigen Region	411-440

Additional Information

Gene ID	64405
Other Names	Cadherin-22, Pituitary and brain cadherin, PB-cadherin, CDH22, C20orf25
Target/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.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CDH22 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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

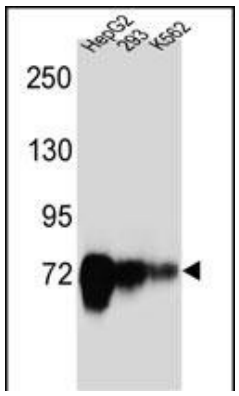
Background

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.

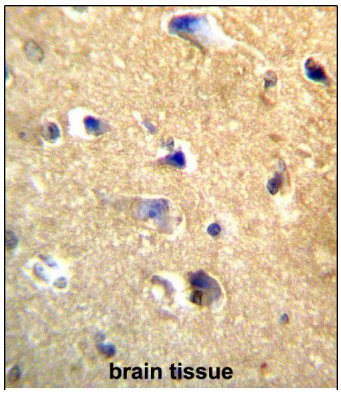
References

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Zhou, J., et al. Tumour Biol. 30(3):130-140(2009)
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Images



CDH22 Antibody (Center) (Cat. #AP13244c) western blot analysis in HepG2,293,K562 cell line lysates (35ug/lane).This demonstrates the CDH22 antibody detected the CDH22 protein (arrow).



CDH22 Antibody (Center) (Cat. #AP13244c)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.

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