

Rabbit anti-Human CB086 Polyclonal Antibody | anti-WDPCP antibody

CB086 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286338	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

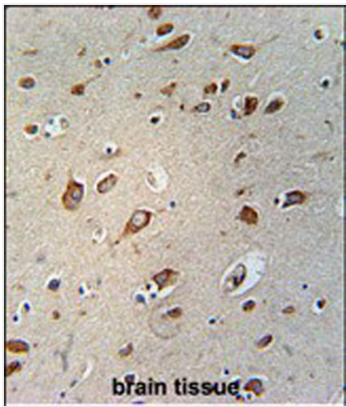
PRODUCT SYNONYMS

CB086; Polyclonal Antibody; CB086 Antibody (C-term); WD repeat-containing and planar cell polarity effector protein fritz homolog; hFRTZ; Bardet-Biedl syndrome 15 protein; WD repeat-containing and planar cell polarity effector protein; WDPCP; BBS15; C2orf86; FRITZ; anti-WDPCP antibody

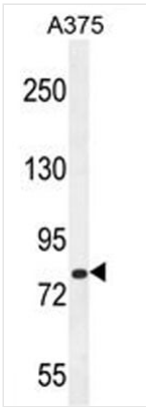
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CB086 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 676-705 amino acids from the C-terminal region of human CB086.
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.
Sequence Positions	676-705
Sequence Length	746
Applicable Applications for anti-WDPCP antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Probable effector of the planar cell polarity signaling pathway which regulates the septin cytoskeleton in both ciliogenesis and collective cell movements. Together with FUZ and WDPCP proposed to function as core component of the CPLANE (ciliogenesis and planar polarity effectors) complex involved in the recruitment of peripheral IFT-A proteins to basal bodies (By similarity).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q32NR9}. Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250 UniProtKB:Q32NR9} Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250 UniProtKB:Q32NR9}
Preparation and 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.

IMAGES



IHC (Immunohiostchemistry)
CB086 Antibody (C-term) (AAA286338) 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 the CB086 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CB086 Antibody (C-term) (AAA286338) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the CB086 antibody detected the CB086 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-WDPCP antibody	The C2ORF86 gene encodes an ortholog of Drosophila 'fritz,' a cytoplasmic WD40 repeat protein that controls planar cell polarity (summarized by Kim et al., 2010 [PubMed 20671153]).
Product Categories/Family for anti-WDPCP antibody	Cell Biology
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Kim, S.K., et al. Science 329(5997):1337-1340(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Eeles, R.A., et al. Nat. Genet. 41(10):1116-1121(2009) Melzer, D., et al. PLoS Genet. 4 (5), E1000072 (2008) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	111548652
NCBI GeneID	51057
NCBI Accession #	NP_056994.3
NCBI GenBank Nucleotide #	NM_015910.5
UniProt Accession #	O95876; Q53RW4; Q7Z2Z3
Molecular Weight	85084
NCBI Official Full Name	WD repeat-containing and planar cell polarity effector protein fritz homolog isoform 2
NCBI Official Synonym Full Names	WD repeat containing planar cell polarity effector
NCBI Official Symbol	WDPCP
NCBI Official Synonym Symbols	FRTZ; BBS15; FRITZ; CHDTHP; C2orf86
NCBI Protein Information	WD repeat-containing and planar cell polarity effector protein fritz homolog
UniProt Protein Name	WD repeat-containing and planar cell polarity effector protein fritz homolog
UniProt Gene Name	WDPCP

UniProt Synonym Gene Names	BBS15; C2orf86; FRITZ; hFRTZ
UniProt Entry Name	FRITZ_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://www.aaabiotech.com/polyclonal/cb086-antibody-immunohistochemistry-western-blot-elisa/286338>