

Rabbit anti-Human, Mouse CRB1 Polyclonal Antibody | anti-CRB1 antibody

CRB1 Rabbit pAb

CATALOG # AAA281571	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CRB1; Polyclonal Antibody; CRB1 Rabbit pAb; LCA8; RP12; anti-CRB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	IYIKNSFCNK NNTRCLNSC QNNSTCKDFS KDNDSCSDT ANNLDKDCDN MKDPCFSNPC QGSATCVNTP GERSFLCKCP PGYSGTICET TIGSCGKNSC QHGGICHQDP IYPVCICPAG YAGRFCEIDH DECASSPCQN GAVCQDGIDG YSCFCVPGYQ GRHCDLEVDE CASDPCKNEA T
Applicable Applications for anti-CRB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 20-200 of human CRB1 (NP_957705.1).
Cellular Location	Apical cell membrane, Secreted, Single-pass type I membrane protein
Positive Samples	HeLa
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse retina using CRB1 antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using CRB1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-CRB1 antibody	Background: This gene encodes a protein which is similar to the Drosophila crumbs protein and localizes to the inner segment of mammalian photoreceptors. In Drosophila crumbs localizes to the stalk of the fly photoreceptor and may be a component of the molecular scaffold that controls proper development of polarity in the eye. Mutations in this gene are associated with a severe form of retinitis pigmentosa, RP12, and with Leber congenital amaurosis. Alternate splicing results in multiple transcript variants, some protein coding and some non-protein coding.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	302370926
NCBI GeneID	23418
NCBI Accession #	NP_001180569
NCBI GenBank Nucleotide #	NM_001193640.1
UniProt Accession #	P82279; Q5K3A6; Q5TC28; Q5VUT1; Q6N027; Q8WWY0; Q8WWY1; A2A308; B7Z5T2; B9EG71
Molecular Weight	Predicted: 142 kDa
NCBI Official Full Name	protein crumbs homolog 1 isoform 2
NCBI Official Synonym Full Names	crumbs family member 1, photoreceptor morphogenesis associated
NCBI Official Symbol	CRB1
NCBI Official Synonym Symbols	LCA8; RP12
NCBI Protein Information	protein crumbs homolog 1
UniProt Protein Name	Protein crumbs homolog 1
UniProt Gene Name	CRB1
UniProt Entry Name	CRUM1_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/crb1-antibody-immunohistochemistry-western-blot-elisa/281571>