



Anti-CRB1 (aa 26-134) polyclonal antibody (DPAB-DC1098)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.[provided by RefSeq, Apr 2012]
Immunogen	CRB1 (NP_036208, 26 a.a. ~ 134 a.a) partial recombinant protein with GST tag. The sequence is FCNKNNTRCLNSQCQNNSTCKDFSKDNDSCSDTANNLDKDCDNMKDPCFSNPCQGSATC VNTPGERSFLCKCPPGYSGTICETTIGSCGKNSCQHGGICHQDPIYPVC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CRB1 crumbs family member 1, photoreceptor morphogenesis associated [Homo sapiens (human)]
Official Symbol	CRB1
Synonyms	CRB1; crumbs family member 1, photoreceptor morphogenesis associated; LCA8; RP12; protein crumbs homolog 1;
Entrez Gene ID	23418
Protein Refseq	NP_001180569
UniProt ID	P82279
Chromosome Location	1q31-q32.1
Pathway	Hippo signaling pathway.
Function	calcium ion binding; protein binding;