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[Primary Antibody]

Rabbit Anti-CRB3 antibody

Catalog Number: SL14047R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CRB3
Immunogen:	KLH conjugated synthetic peptide derived from human CRB3: 45-120/120 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human)
Predicted MW.:	10kDa
Subcellular Location:	The cell membrane
Background:	This gene encodes a member of the Crumbs family of proteins. This protein may play a role in epithelial cell polarity and is associated with tight junctions at the apical surface of epithelial cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008] **Function:** Involved in the establishment of cell polarity in mammalian epithelial cells. Regulates the morphogenesis of tight junctions. **Subcellular Location:** Apical cell membrane. Cell junction; tight junction. Localizes primarily to the apical membrane with a small fraction in the upper

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	part of tight junctions of epithelial cells. **Tissue Specificity:** Preferentially expressed in epithelial tissues. Expressed at high levels in lung, kidney, retina, colon and mammary glands. Expressed at moderate levels in liver, spleen, pancreas, placenta and prostate. **Database links:** **Entrez Gene:** 92359 Human Omim: 609737 Human **SwissProt:** Q9BUF7 Human **Unigene:** 150319 Human

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