

CRB3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55396**Specification**

CRB3 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q9BUF7
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12854

CRB3 Polyclonal Antibody - Additional Information**Gene ID** 92359**Other Names**

Protein crumbs homolog 3, CRB3 (HGNC:20237)

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

CRB3 Polyclonal Antibody - Protein Information**Name** CRB3 ([HGNC:20237](#))**Function**

Involved in the establishment of cell polarity in mammalian epithelial cells (PubMed:12771187, PubMed:14718572). Regulates the morphogenesis of tight junctions (PubMed:12771187, PubMed:14718572). Involved in promoting phosphorylation and cytoplasmic retention of transcriptional coactivators YAP1 and WWTR1/TAZ which leads to suppression of TGFβ1-dependent transcription of target genes such as CCN2/CTGF, SERPINE1/PAI1, SNAI1/SNAIL1 and SMAD7 (By similarity).

Cellular Location

Apical cell membrane; Single-pass type I membrane protein. Cell junction, tight junction. Note=Localizes primarily to the apical membrane with a small fraction in the upper part of tight junctions of epithelial cells.

Tissue Location

Preferentially expressed in epithelial tissues (PubMed:14718572). Expressed at high levels in lung, kidney, and colon (PubMed:12527193, PubMed:14718572). Expressed at high levels in retina, colon and mammary glands (PubMed:12527193). Moderately expressed in liver, spleen, pancreas and prostate (PubMed:12527193). Moderately to weakly expressed in the placenta (PubMed:14718572, PubMed:12527193) Weakly expressed in skeletal muscle and small intestine (PubMed:14718572).

CRB3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CRB3 Polyclonal Antibody - Images