

**RAB27B Antibody (C-Terminus)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS17188****Specification**

---

**RAB27B Antibody (C-Terminus) - Product Information**

Application	IHC-P, WB
Primary Accession	<a href="#">O00194</a>
Other Accession	<a href="#">5874</a>
Reactivity	Human, Mouse, Rat, Monkey, Dog
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Calculated MW	24608

**RAB27B Antibody (C-Terminus) - Additional Information****Gene ID** 5874**Other Names**

RAB27B, C25KG, Ras-related protein Rab-27B

**Target/Specificity**

Detects Rab27b by Western blot in the following human, rat and mouse whole cell lysates and transfected cells with GFP-Rab27b. This antibody is specific for Rab27b. It does not recognise Rab27a protein.

**Reconstitution & Storage**

PBS, 20% glycerol, 0.05% sodium azide. Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

**Precautions**

RAB27B Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**RAB27B Antibody (C-Terminus) - Protein Information****Name** RAB27B**Function**

Small GTPase which cycles between active GTP-bound and inactive GDP-bound states. In its active state, binds to a variety of effector proteins to regulate homeostasis of late endocytic pathway, including endosomal positioning, maturation and secretion (PubMed:<a href="http://www.uniprot.org/citations/30771381" target="\_blank">30771381</a>). Plays a role in NTRK2/TRKB axonal anterograde transport by facilitating the association of NTRK2/TRKB with KLC1 (PubMed:<a href="http://www.uniprot.org/citations/21775604" target="\_blank">21775604</a>). May be involved in targeting uroplakins to urothelial apical membranes (By similarity).

**Cellular Location**

Membrane; Lipid-anchor. Late endosome

**Tissue Location**

Expressed primarily in testis.

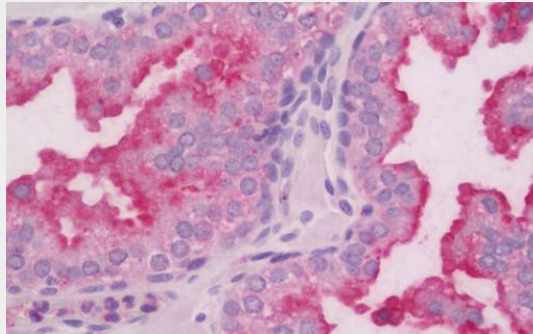
**Volume**

100  $\mu$ l

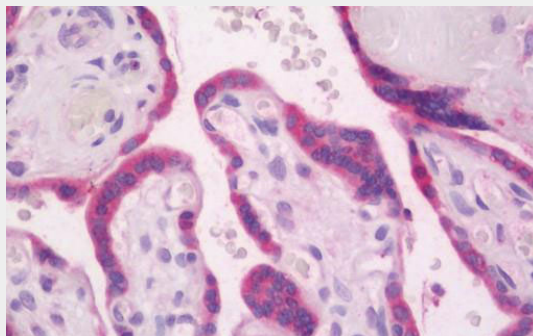
**RAB27B Antibody (C-Terminus) - Protocols**

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

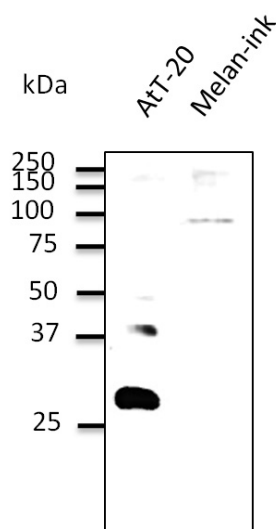
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**RAB27B Antibody (C-Terminus) - Images**

Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot.

### **RAB27B Antibody (C-Terminus) - Background**

May be involved in targeting uroplakins to urothelial apical membranes.

### **RAB27B Antibody (C-Terminus) - References**

- Chen D., et al. *Biochem. Mol. Med.* 60:27-37(1997).
- Chen D., et al. Submitted (JUN-1999) to the EMBL/GenBank/DDBJ databases.
- Ramalho J.S., et al. *BMC Genet.* 2:2-2(2001).
- Puhl H.L. III, et al. Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.
- Ota T., et al. *Nat. Genet.* 36:40-45(2004).