

**RAB20 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51462**

**Specification**

---

**RAB20 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O9NX57</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>29 KDa</b>
Antigen Region	<b>91 - 150</b>

**RAB20 Antibody - Additional Information**

**Gene ID** 55647

**Other Names**

Ras-related protein Rab-20, RAB20

**Target/Specificity**

KLH conjugated synthetic peptide derived from human RAB20

**Dilution**

WB~~ 1:1000

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**RAB20 Antibody - Protein Information**

**Name** RAB20

**Function**

Plays a role in apical endocytosis/recycling. Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis. Plays a role in the fusion of phagosomes with lysosomes.

**Cellular Location**

Golgi apparatus. Cytoplasmic vesicle, phagosome Cytoplasmic vesicle, phagosome membrane; Lipid-anchor; Cytoplasmic side. Note=Highly enriched on apical endocytic structures in polarized epithelial cells of kidney proximal tubules (By similarity). Recruited to phagosomes containing S.aureus or M.tuberculosis (PubMed:21255211) {ECO:0000250|UniProtKB:P35295, ECO:0000269|PubMed:21255211}

### Tissue Location

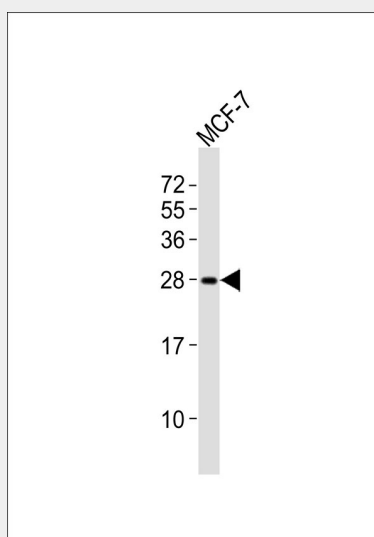
Low or absent expression in normal pancreas and stronger expression in 15 of 18 exocrine pancreatic adenocarcinomas (at protein level).

### RAB20 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](#)

### RAB20 Antibody - Images



Anti-RAB20 Antibody at 1:1000 dilution + MCF-7 whole cell lysates. Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 26 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

### RAB20 Antibody - Background

Plays a role in apical endocytosis/recycling. Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as *S.aureus* and *M.tuberculosis*. Plays a role in the fusion of phagosomes with lysosomes.

### RAB20 Antibody - References

- Amillet J.-M., et al. *Hum. Pathol.* 37:256-263(2006).  
Ota T., et al. *Nat. Genet.* 36:40-45(2004).  
Dunham A., et al. *Nature* 428:522-528(2004).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Seto S., et al. *Traffic* 12:407-420(2011).