

## Product datasheet for **TA350622S**

### **RAB17 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: TM4 cells IHC: 30-150 Positive control: Human breast cancer Predicted cell location: Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human RAB17
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	RAB17, member RAS oncogene family
Database Link:	<a href="#">NP_071894</a> <a href="#">Entrez Gene 19329 Mouse</a> <a href="#">Entrez Gene 64284 Human</a> <a href="#">Q9H0T7</a>

**Background:** The Rab subfamily of small GTPases plays an important role in the regulation of membrane trafficking. RAB17 is an epithelial cell-specific GTPase. The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion.

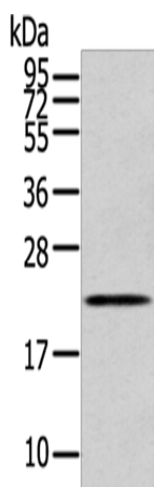


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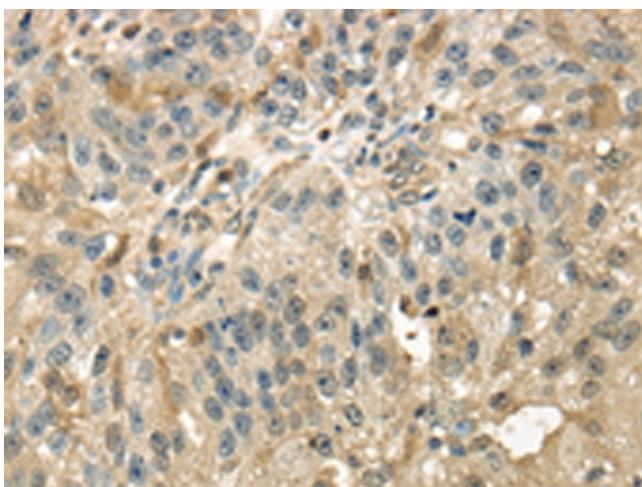
Synonyms: FLJ12538

Protein Families: Druggable Genome

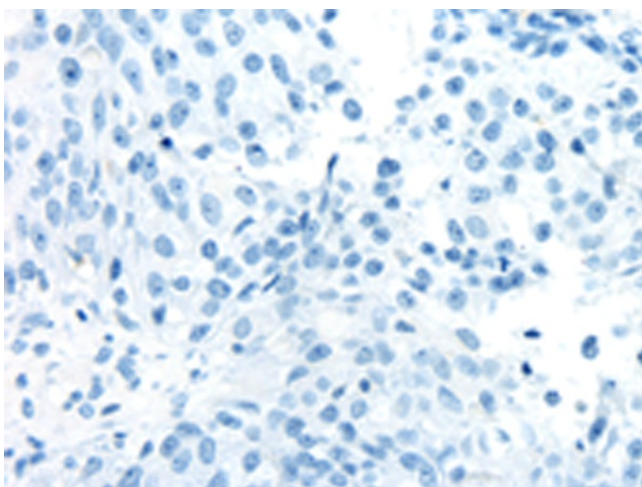
### Product images:



Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: TM4 cells  
Primary antibody: [TA350622] (RAB17 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 20 seconds



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA350622] (RAB17 Antibody) at dilution 1/40 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA350622] (RAB17 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification:  $\times 200$ )