**Product Name: RAB13 Rabbit Polyclonal Antibody**
**Catalog #: APRab16773**

## Summary

| | |
|---|---|
| **Production Name** | RAB13 Rabbit Polyclonal Antibody |
| **Description** | Rabbit Polyclonal Antibody |
| **Host** | Rabbit |
| **Application** | WB |
| **Reactivity** | Human,Rat,Mouse |

## Performance

| | |
|---|---|
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | IgG |
| **Clonality** | Polyclonal |
| **Form** | Liquid |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **Buffer** | Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N. |
| **Purification** | Affinity purification |

## Immunogen

| | |
|---|---|
| **Gene Name** | RAB13 GIG4 |
| **Alternative Names** | |
| **Gene ID** | 5872.0 |
| **SwissProt ID** | P51153.Synthesized peptide derived from human protein . at AA range: 40-120 |

## Application

| | |
|---|---|
| **Dilution Ratio** | WB 1:500-2000 ELISA 1:5000-20000 |
| **Molecular Weight** | 22kD |

## Background

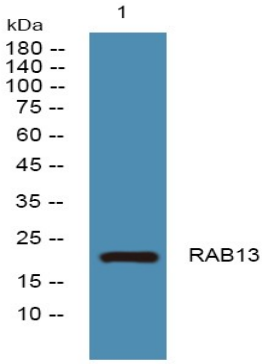
This gene is a member of the Rab family of small G proteins and plays a role in regulating membrane trafficking between trans-Golgi network (TGN) and recycling endosomes (RE). The encoded protein is involved in the assembly of tight

junctions, which are components of the apical junctional complex (AJC) of epithelial cells. The AJC plays a role in forming a barrier between luminal contents and the underlying tissue. Additional functions associated with the protein include endocytic recycling of occludin, regulation of epithelial cell scattering, neuronal regeneration and regulation of neurite outgrowth. Alternately spliced transcript variants have been observed for this gene. A pseudogene associated with this gene is located on chromosome 12. [provided by RefSeq, Jan 2013],function:Could participate in polarized transport, in the assembly and/or the activity of tight junctions.,similarity:Belongs to the small GTPase superfamily. Rab family.,subcellular location:Cytoplasmic tight junctions or associated with vesicles scattered throughout the cytoplasm in cells lacking tight junctions.,tissue specificity:Detected in several types of epithelia, including intestine, kidney, liver and in endothelial cells.,

## Research Area

Tight junction;

## Image Data




Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night

## Note

For research use only.