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## Datasheet for ABIN7119805 **anti-TBC1D5 antibody**

### Overview

Quantity:	100 µg
Target:	TBC1D5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunohistochemistry (IHC)

### Product Details

Immunogen:	TBC1 domain family, member 5
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	TBC1D5
Alternative Name:	TBC1D5 ( <a href="#">TBC1D5 Products</a> )
Background:	Synonyms: KIAA0210 Background: May act as a GTPase-activating protein(GAP) for Rab family protein(s). May act as a GAP for RAB7A. Can displace RAB7A and retromer CSC subcomplex from the endosomal membrane to the cytosol, at least retromer displacement seems to require its catalytic activity(PubMed:19531583, PubMed:20923837). Required for retrograde transport of cargo proteins from endosomes to the trans-Golgi network(TGN), the function seems to

## Target Details

require its catalytic activity. Involved in regulation of autophagy(PubMed:22354992). May act as a molecular switch between endosomal and autophagosomal transport and is involved in reprogramming vesicle trafficking upon autophagy induction. Involved in the trafficking of ATG9A upon activation of autophagy. May regulate the recruitment of ATG9A-AP2-containing vesicles to autophagic membranes(PubMed:24603492).

Molecular Weight: 89 kDa

Gene ID: 9779

UniProt: [Q92609](#)

## Application Details

Application Notes: WB: 1:500-1:2400, IP: 1:200-1:1000 , IHC: 1:20-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months