

TBC1D5 antibody

Product Information

Catalog No.:	FNab08515
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

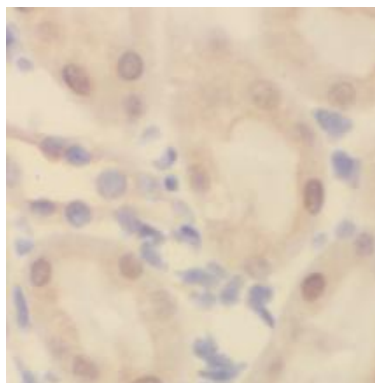
May act as a GTPase-activating protein(GAP) for Rab family protein(s). May act as a GAP for RAB7A. Can displace RAB7A and retromer CSC subcomplex from the endosomal membrane to the cytosol; at least retromer displacement seems to require its catalytic activity(PubMed:19531583, PubMed:20923837). Required for retrograde transport of cargo proteins from endosomes to the trans-Golgi network(TGN); the function seems to 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).

Immunogen information

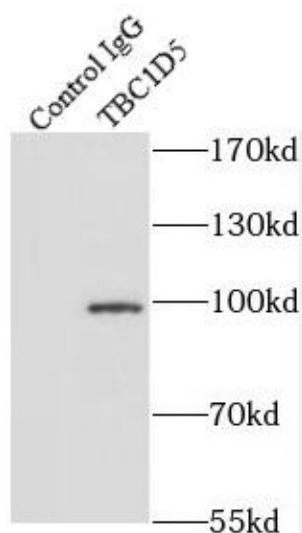
Immunogen:	TBC1 domain family, member 5
Synonyms:	TBC1 domain family member 5 TBC1D5 KIAA0210
Observed MW:	89 kDa
Uniprot ID :	Q92609

Application

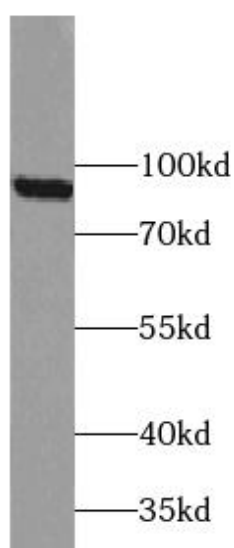
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IP
Recommended dilution:	WB: 1:500-1:2400; IP: 1:200-1:1000 ; IHC: 1:20-1:200
Image:	



Immunohistochemistry of paraffin-embedded human kidney using FNab08515(TBC1D5 antibody) at dilution of 1:100



IP Result of anti-TBC1D5 (IP:FNab08515, 4ug; Detection:FNab08515 1:300) with A431 cells lysate 2400ug.



A431 cells were subjected to SDS PAGE followed by western blot with FNab08515(TBC1D5 antibody) at dilution of 1:400