

TGFBRAP1 antibody

Product Information

Catalog No.:	FNab08646
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

Plays a role in the TGF-beta/activin signaling pathway. It associates with inactive heteromeric TGF-beta and activin receptor complexes, mainly through the type II receptor, and is released upon activation of signaling. May recruit SMAD4 to the vicinity of the receptor complex and facilitate its interaction with receptor-regulated Smads, such as SMAD2. Plays a role in vesicle-mediated protein trafficking of the endocytic membrane transport pathway. Believed to act as a component of the putative CORVET endosomal tethering complexes which is proposed to be involved in the Rab5-to-Rab7 endosome conversion probably implicating MON1A/B, and via binding SNAREs and SNARE complexes to mediate tethering and docking events during SNARE-mediated membrane fusion. The CORVET complex is proposed to function as a Rab5 effector to mediate early endosome fusion probably in specific endosome subpopulations(PubMed:25266290). Functions predominantly in APPL1-containing endosomes and in degradative but not recycling trafficking of endocytosed cargo(PubMed:25266290).

Immunogen information

Immunogen:	transforming growth factor, beta receptor associated protein 1
Synonyms:	Transforming growth factor-beta receptor-associated protein 1 (TGF-beta receptor-associated protein 1, TRAP-1, TRAP1) TGFBRAP1
Observed MW:	80 kDa
Uniprot ID :	Q8WUH2

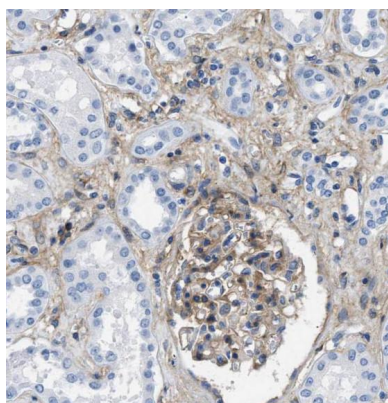
Application

Reactivity: Human

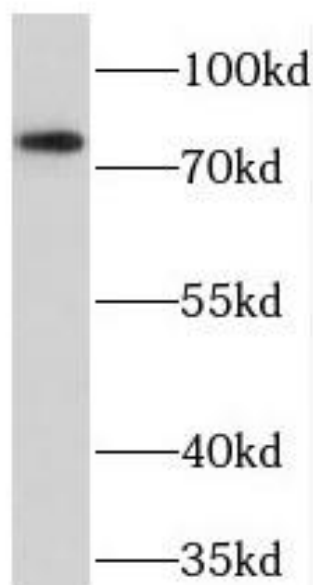
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab08646(TGFBRAP1 Antibody) at dilution of 1:50



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab08646(TGFBRAP1 antibody) at dilution of 1:300