

Anti-TGFA1 antibody



Description	Unconjugated Rabbit polyclonal to TGFA1
Model	STJ192560
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human TGFA1 protein.
Immunogen Region	671-720aa
Gene ID	9392
Gene Symbol	TGFBRAP1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	TGFA1 Polyclonal Antibody detects endogenous levels of protein.
Purification	TGFA1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Transforming growth factor-beta receptor-associated protein 1 TGF-beta receptor-associated protein 1 TRAP-1 TRAP1
Molecular Weight	94 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16836OMIM:606237
Alternative Names	Transforming growth factor-beta receptor-associated protein 1 TGF-beta receptor-associated protein 1 TRAP-1 TRAP1
Function	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 . Functions predominantly in APPL1-containing endosomes and in degradative but not recycling trafficking of endocytosed cargo .
Cellular Localization	Cytoplasm Early endosome. Colocalizes with TGF-beta receptors in the absence of signaling.