

# Immunotag™ Rab11-FIP1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3942
Product Description	Immunotag™ Rab11-FIP1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Rab11-FIP1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Rab11-FIP1 . at AA range: 70-150
Specificity	Rab11-FIP1 Polyclonal Antibody detects endogenous levels of Rab11-FIP1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	RAB11FIP1
Accession No.	Q6WKZ4 Q9D620
Alternate Names	RAB11FIP1; RCP; Rab11 family-interacting protein 1; Rab11-FIP1; Rab-coupling protein

## Antibody Specification

Description	RAB11 family interacting protein 1(RAB11FIP1) Homo sapiens This gene encodes one of the Rab11-family interacting proteins (Rab11-FIPs), which play a role in the Rab-11 mediated recycling of vesicles. The encoded protein may be involved in endocytic sorting, trafficking of proteins including integrin subunits and epidermal growth factor receptor (EGFR), and transport between the recycling endosome and the trans-Golgi network. Alternative splicing results in multiple transcript variants. A pseudogene is described on the X chromosome. [provided by RefSeq, Dec 2013],
Cell Pathway/ Category	Endocytosis,
Protein Expression	Cervix carcinoma,Epithelium,Gastric,Gastric antrum,Lung,Placenta,Sm
Subcellular Localization	cytoplasm,phagocytic vesicle membrane,intracellular membrane-bounded organelle,recycling endosome,
Protein Function	function:A Rab11 effector protein involved in the endosomal recycling process. Also involved in controlling membrane trafficking along the phagocytic pathway and in phagocytosis.,similarity:Contains 1 C2 domain.,subcellular location:Membrane-bound (isoform 2). Colocalizes with Rab11A at phagosomes (isoform 2).,subcellular location:Rab11A rather than Rab4A mediates localization in the endocytic recycling compartment (ERC).,subunit:Homooligomer (isoform 2). Isoform 2 interacts with RAB4A, RAB11A, RAB11B and RAB25. According to PubMed:15280022, RAB4A binding to RAB11FIP1 is of very low affinity in vitro and in vivo.,tissue specificity:Isoform 2 is expressed in brain, heart, testis, lung, spleen, ovary and small intestine.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.