

Anti-ITFG2 antibody



Description	Unconjugated Rabbit polyclonal to ITFG2
Model	STJ190342
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human ITFG2 protein.
Immunogen Region	40-120aa
Gene ID	55846
Gene Symbol	ITFG2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	ITFG2 Polyclonal Antibody detects endogenous levels of protein.
Purification	ITFG2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	KICSTOR complex protein ITFG2 Integrin-alpha FG-GAP repeat-containing protein 2
Molecular Weight	49 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:30879OMIM:617421
Alternative Names	KICSTOR complex protein ITFG2 Integrin-alpha FG-GAP repeat-containing protein 2
Function	As part of the KICSTOR complex functions in the amino acid-sensing branch of the TORC1 signaling pathway. Recruits, in an amino acid-independent manner, the GATOR1 complex to the lysosomal membranes and allows its interaction with GATOR2 and the RAG GTPases. Functions upstream of the RAG GTPases and is required to negatively regulate mTORC1 signaling in absence of amino acids. In absence of the KICSTOR complex mTORC1 is constitutively localized to the lysosome and activated. The KICSTOR complex is also probably involved in the regulation of mTORC1 by glucose.
Cellular Localization	Lysosome membrane. Localization to lysosomes is amino acid-independent.

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