

Anti-Rag B antibody



Description	Rabbit polyclonal to Rag B.
Model	STJ95356
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human Rag B
Immunogen Region	50-130 aa, Internal
Gene ID	10325
Gene Symbol	RRAGB
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	Rag B Polyclonal Antibody detects endogenous levels of Rag B protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ras-related GTP-binding protein B Rag B RagB
Molecular Weight	43.25 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:19901OMIM:300725
Alternative Names	Ras-related GTP-binding protein B Rag B RagB
Function	Guanine nucleotide-binding protein that plays a crucial role in the cellular response to amino acid availability through regulation of the mTORC1 signaling cascade. Forms heterodimeric Rag complexes with RRAGC or RRAGD and cycles between an inactive GDP-bound and an active GTP-bound form. In its active form participates in the relocalization of mTORC1 to the lysosomes and its subsequent activation by the GTPase RHEB. Involved in the RCC1/Ran-GTPase pathway.
Cellular Localization	Cytoplasm Lysosome

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