



Rag C Monoclonal Antibody

Catalog No	YP-mAb-16220
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RRAGC
Immunogen	The antiserum was produced against synthesized peptide derived from human RRAGC. AA range:302-351
Specificity	Rag C Monoclonal Antibody detects endogenous levels of Rag C protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:3.6.5.-;GTPase interacting protein 2;GTPase-interacting protein 2;GTR2;Rag C;RRAGC;Ras-related GTP-binding protein C;RagC;TIB929
Observed Band	44kD
Calculated Molecular Weight	44kD
Cell Pathway	Cytoplasm . Nucleus . Lysosome . Predominantly cytoplasmic. May shuttle between the cytoplasm and nucleus, depending on the bound nucleotide state of associated RRAGA (PubMed:11073942). .
Tissue Specificity	Lymph,Ovary,
Function	function:Has guanine nucleotide-binding activity but weak intrinsic GTPase activity.,similarity:Belongs to the GTR/RAG GTP-binding protein family., subcellular location:Predominantly cytoplasmic. May shuttle between the cytoplasm and nucleus, depending on the bound nucleotide state of associated RRAGA.,subunit:Forms a heterodimer with RRAGA in a sequence-independent manner. Binds GTP. Interacts with NOL8 and RRAGB.,



Background

This gene encodes a member of the GTR/RAG GTP-binding protein family. The encoded protein is a monomeric guanine nucleotide-binding protein which forms a heterodimer with RRAGA and RRAGB and is primarily localized to the cytoplasm. The encoded protein promotes intracellular localization of the mTOR complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012],

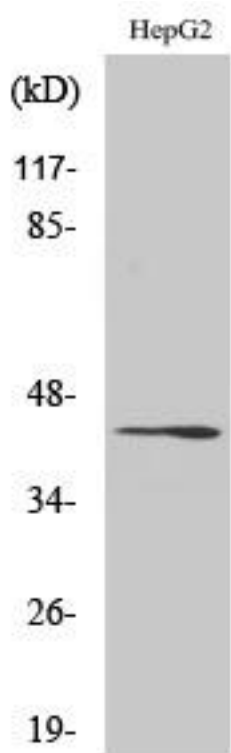
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Rag C Monoclonal Antibody