



Rag C Rabbit mAb

Catalog No	YP-rAb-17112
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IF,IP,ELISA
Gene Name	RRAGC
Protein Name	Ras-related GTP-binding protein C
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:500-1:2000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	Rag C;Ras-related GTP-binding protein C;RRAGC ; Ras-related GTP-binding protein C ; Rag C ; RagC ; GTPase-interacting protein 2 ; TIB929;RRAGC
Observed Band	54kD
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	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,



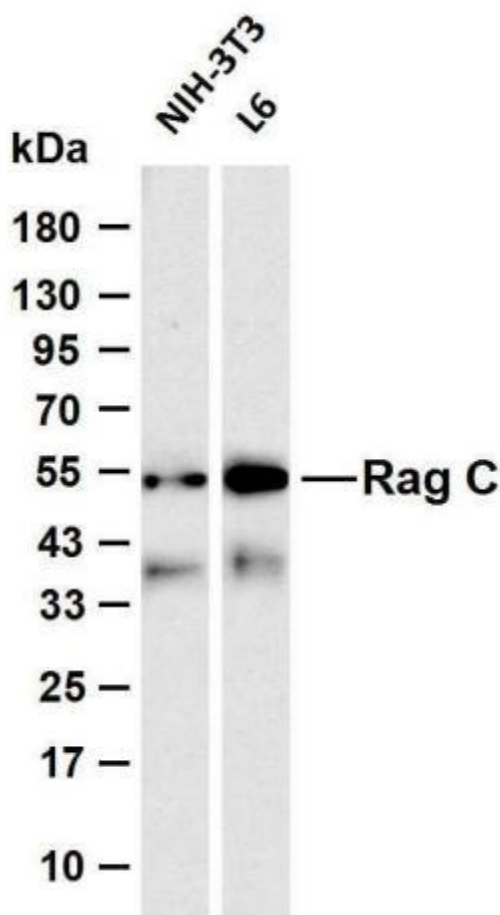
Dec 2012],

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.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Rag C antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: NIH-3T3 Lane 2: L6 Predicted band size: 44kDa Observed band size: 54kDa

