

Product Name: Rag C Rabbit Polyclonal Antibody
Catalog #: APRab16861



Summary

Production Name	Rag C Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	RRAGC
Alternative Names	RRAGC; Ras-related GTP-binding protein C; Rag C; RagC; GTPase-interacting protein 2; TIB929
Gene ID	64121.0
SwissProt ID	Q9HB90.The antiserum was produced against synthesized peptide derived from human RRAGC. AA range:302-351

Application

Dilution Ratio	WB 1:500-2000; ELISA 2000-20000
Molecular Weight	44kD

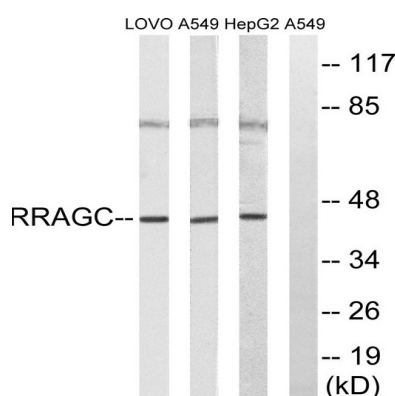
Background

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],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,.

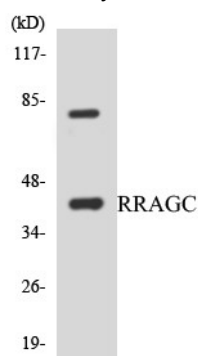
Research Area

mTOR

Image Data

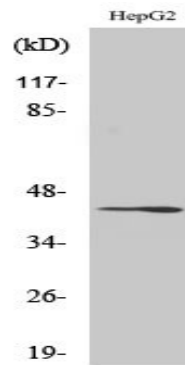


Western blot analysis of lysates from HepG2, A549, and LOVO cells, using RRAGC Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using RRAGC antibody.

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Western Blot analysis of various cells using Rag C Polyclonal Antibody

Note

For research use only.