

RRAGA/B Antibody

Catalog No: #34965

Package Size: #34965-1 50ul #34965-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

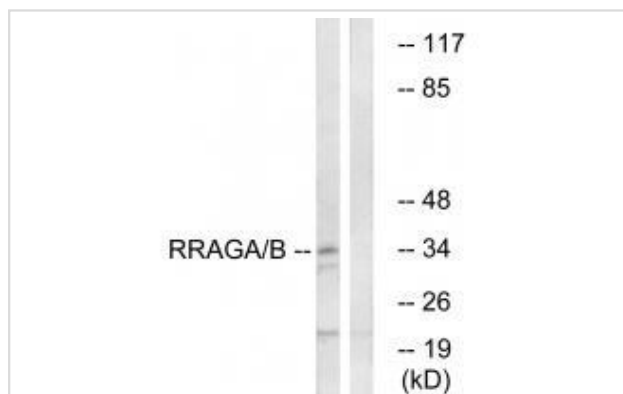
Description

Product Name	RRAGA/B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total RRAGA/B protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human RRAGA/B.
Target Name	RRAGA/B
Other Names	Ras-related GTP-binding protein A; Rag A; RagA; Adenovirus E3 14.7 kDa-interacting protein 1; FIP-1
Accession No.	Swiss-Prot: Q7L523/Q5VZM2NCBI Gene ID: 10670/10325
Uniprot	Q7L523
GeneID	10670;
SDS-PAGE MW	34kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HepG2 cells, using RRAGA/B antibody #34965.

Background

Guanine nucleotide-binding protein forming heterodimeric Rag complexes required for the amino acid-induced relocalization of mTORC1 to the lysosomes and its subsequent activation by the GTPase RHEB. This is a crucial step in the activation of the TOR signaling cascade by amino acids. Involved in the RCC1/Ran-GTPase pathway. May play a direct role in a TNF-alpha signaling pathway leading to induction of cell death. May alternatively act as a cellular target for adenovirus E3-14.7K, an inhibitor of TNF-alpha functions, thereby affecting cell death.

Schuermann A., J. Biol. Chem. 270:28982-28988(1995).

Li Y., J. Virol. 71:1576-1582(1997).

Hirose E., J. Cell Sci. 111:11-21(1998).

Note: This product is for in vitro research use only