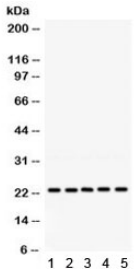
RAB18 Antibody (R32328)

Catalog No.	Formulation	Size
R32328	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9NP72
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This RAB18antibody is available for research use only.



Western blot testing of 1) rat testis, 2) rat lung, 3) human 293, 4) human HeLa and 5) human HepG2 lysate with RAB18 antibody. Expected molecular weight ~23 kDa.

Description

Ras-related protein Rab-18 is a protein that in humans is encoded by the RAB18 gene. It is a ubiquitously expressed protein with particularly high expression in the brain. The protein encoded by this gene is a member of a family of Ras-related small GTPases that regulate membrane trafficking in organelles and transport vesicles. Knockdown studies in zebrafish suggest that this protein may have a role in eye and brain development. Mutations in this gene are associated with Warburg micro syndrome type 3. Alternatively spliced transcript variants have been found for this gene.

Application Notes

Optimal dilution of the RAB18 antibody should be determined by the researcher.

Immunogen

Amino acids DGVQCAFEELVEKIIQTPGLWESENQNKGVKLSHREE of human RAB18 were used as the immunogen for the RAB18 antibody.

Storage

After reconstitution, the RAB18 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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