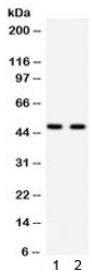
PTOV1 Antibody (R32277)

Catalog No.	Formulation	Size
R32277	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	Q86YD1
Localization	Cytoplasmic
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This PTOV1 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) rat kidney lysate with PTOV1 antibody. Predicted/expected molecular weight ~47 kDa.

Description

Prostate tumor overexpressed gene 1 protein is a protein that in humans is encoded by the PTOV1 gene. It is mapped to 19q13.33. This gene encodes a protein that was found to be overexpressed in prostate adenocarcinomas. The encoded protein was found to interact with the lipid raft protein flotillin-1 and shuttle it from the cytoplasm to the nucleus in a cell cycle dependent manner. Alternative splicing of this gene results in multiple transcript variants.

Application Notes

Optimal dilution of the PTOV1 antibody should be determined by the researcher.

Immunogen

Amino acids NFVNGIRRVIANQQQVLQRNLEQEQQQRGM of human PTOV1 were used as the immunogen for the PTOV1 antibody.

Storage

After reconstitution, the PTOV1 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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