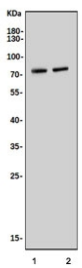
Narc1 Antibody / Neural apoptosis-regulated convertase 1 / Pcsk9 (RQ6387)

Catalog No.	Formulation	Size
RQ6387	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q80W65
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Narc1 antibody is available for research use only.



Western blot testing of 1) rat liver and 2) mouse liver tissue lysate with Narc1 antibody. Predicted molecular weight ~74 kDa (pro form).

Description

Proprotein convertase subtilisin/kexin type 9, also known as PCSK9 and NARC1 (Neural apoptosis-regulated convertase 1), is an enzyme that in humans is encoded by the PCSK9 gene. This gene encodes a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. By genomic sequence analysis, PCSK9 was mapped to chromosome 1p32. This gene is a crucial player in the regulation of plasma cholesterol homeostasis. It may prevent the recycling of LDLR from endosomes to the cell surface or direct it to lysosomes for degradation. PCSK9 can induce

ubiquitination of LDLR leading to its subsequent degradation. This gene is involved in the disposal of non-acetylated intermediates of BACE1 in the early secretory pathway.

Application Notes

Optimal dilution of the Narc1 antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids Q182-H560) was used as the immunogen for the Narc1 antibody.

Storage

After reconstitution, the Narc1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.