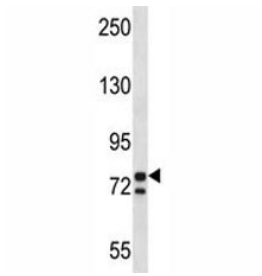
PCSK7 Antibody (F43469)

Catalog No.	Formulation	Size
F43469-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43469-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q16549
Applications	Western blot: 1:1000
Limitations	This PCSK7 antibody is available for research use only.



PCSK7 antibody western blot analysis in K562 lysate.

Description

The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein is a calcium-dependent serine endoprotease. It is structurally related to its family members, PACE and PACE4. This protein is concentrated in the trans-Golgi network, associated with the membranes, and is not secreted. It can process proalbumin and is thought to be responsible for the activation of HIV envelope glycoproteins gp160 and gp140. This gene has been implicated in the transcriptional regulation of housekeeping genes. Multiple alternatively spliced transcripts are described for this gene but their full length nature is not yet known. Downstream of this gene's map

location at 11q23-q24, nucleotides that match part of this gene's 3' end are duplicated and inverted. A translocation breakpoint associated with lymphoma occurs between this gene and its inverted counterpart.

Application Notes

Titration of the PCSK7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 692-721 from the human protein was used as the immunogen for this PCSK7 antibody.

Storage

Aliquot the PCSK7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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