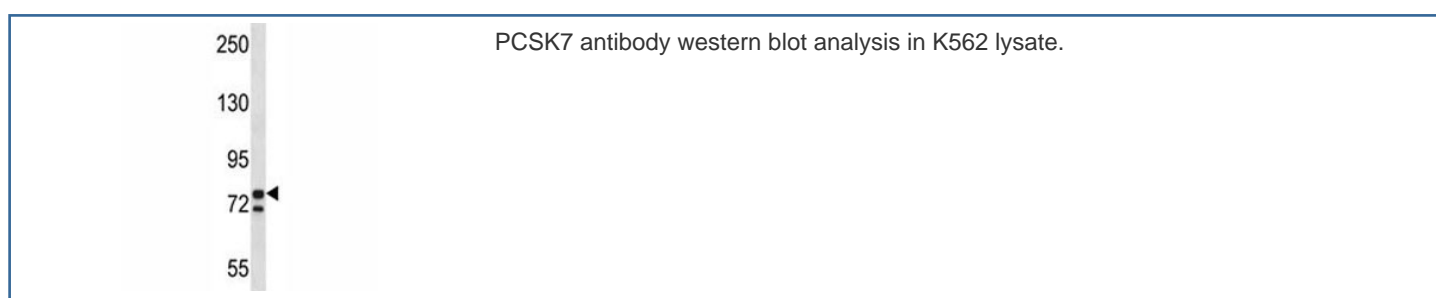


## PCSK7 Antibody (F43469)

| 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](#)

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



## 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.