


Product datasheet

Anti-PC7 antibody ab168593

1 Image

Overview

Product name	Anti-PC7 antibody
Description	Mouse polyclonal to PC7
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Chimpanzee 
Immunogen	Recombinant fragment corresponding to Human PC7 aa 1-591. (AAH06357.1) Sequence:

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MPKGRQKVPHLDAPLGLPTCLWLELAGLFLLPWVM
GLAGTGGPDGQGTG
GPSWAVHLESLEGDGEEETLEQQADALAQAAGLVNA
GRIGELQGHYLFVQ
PAGHRPALEVEAIRQQVEAVLAGHEAVRWHSERLLR
RAKRSVHFNDPKY
PQQWHLNRRSPGRDINVTGVWERNVTGRGVTVVVV
DDGVEHTIQDIAPN
YSPEGSYDLNSNDPDPMPHPDVENGNHHGTRCAGEI
AAVPNNSFCAVGVA
YGSRIAGIRVLDGPLTDSMEAVAFNKHYQINDIYSCSWG
PDDDGKTVDGP
HQLGKAALQHGVIAGRQGFSGIFVVASGNGGQHNDNC
NYDGYANSIYTVT
IGAVDEEGRMPFYAEECASMLAVTFSGGDKMLRSMT
TDWDLQKGTGCTE
GHTGTSAAAPLAAGMIALMLQVRPCLTWRDVQHIMFT
ATRYEDRRAEWV
TNEAGFSHSHQHGFLLNAWRLVNAKIWTSVPYLAS
YVSPVLKENKAIP
QSPRSLEVLWNVSRMDLEMSGKLTLEHVAVTVSITHP
RRGSLELKLFCPS
GMMSLIGAPRSMDSWLCVECSRHQGQTKAVRECHE
WKIPAR
    
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 [Run BLAST with](#)

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Positive control Recombinant Human PC7 protein ([ab132452](#)) can be used as a positive control in WB. Lysate

from 293T cells transfected with PC7.

General notes

This product was previously labelled as PCSK7

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.20 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab168593** in the following tested applications.

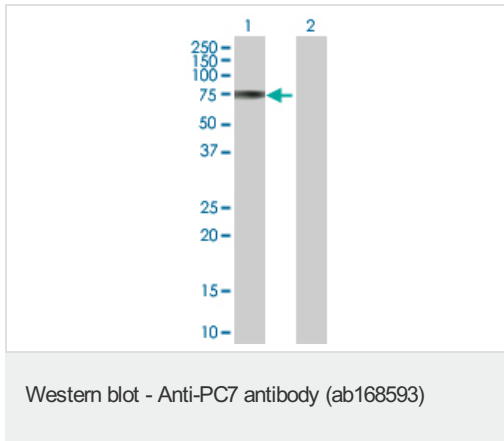
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 64 kDa.

Target

Function	Likely to represent a ubiquitous endoprotease activity within constitutive secretory pathways and capable of cleavage at the RXXX[KR]R consensus motif.
Tissue specificity	Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocyte.
Sequence similarities	Belongs to the peptidase S8 family. Contains 1 homo B/P domain.
Post-translational modifications	Cysteine residues in the cytoplasmic tail are probably palmitoylated. N-glycosylated.
Cellular localization	Golgi apparatus > trans-Golgi network membrane. Seems to be localized intracellularly to the trans Golgi network.

Images



All lanes : Anti-PC7 antibody (ab168593) at 1 µg/ml

Lane 1 : PC7-transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 15 µl per lane.

Developed using the ECL technique.

Predicted band size: 64 kDa

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