

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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MPKGRQKVPHLDAPLGLPTCLWLELAGLFLLPWVMGLA
GTGGPDGQGTG
GPSWAVHLESLEGDGEEETLEQQADALAQAAGLVNAGRI
GELQGHYLFVQ
PAGHRPALEVEAIRQQVEAVLAGHEAVRWHSEQRLRRA
KRSVHFNDPKY
PQQWHLNNRRSPGRDINVTGVWERNVTGRGVTVVVVDD
GVEHTIQDIAPN
YSPEGSYDLNSNDPDPMPHPDVENGNHHGTRCAGEIAAV
PNNSFCAVGVA
YGSRIAGIRVLDGPLTDSMEAVAFNKHYQINDIYSCSWGPD
DDGKTVDGP
HQLGKAALQHGVIAGRQGFSGIFVVASGNGGQHNDNCNY
DGYANSIYTVT
IGAVDEEGRMPFYAEECASMLAVTFSGGDKMLRSVTTD
WDLQKGTGCTE
GHTGTSAAAPLAAGMIALMLQVRPCLTWRDVQHIMFTATR
YEDRRAEWV
TNEAGFSSHQHGFGLLNAWRLVNAKIWTSVPYLASYV
SPVLKENKAIP
QSPRSLEVLWNVSRMDLEMSGLKLEHVAVTVSITHPRR
GSLELKLFCPS
GMMSLIGAPRSMDSWLCVECSRHQGQTKAVRECHEWKI
PAR
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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

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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: 7.4 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

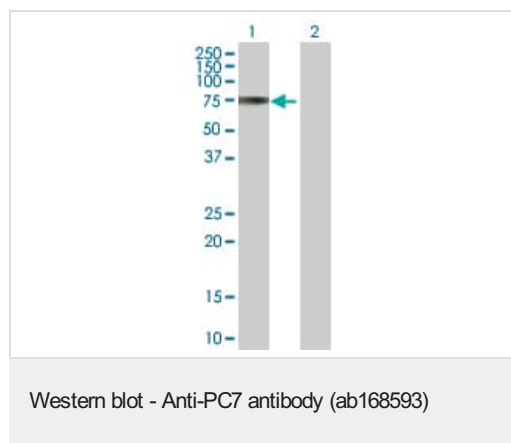
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab168593 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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