


Product datasheet

Anti-PASK antibody ab114988

★★★★★ [1 Abreviews](#) [2 Images](#)

Overview

Product name	Anti-PASK antibody
Description	Rabbit polyclonal to PASK
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee 
Immunogen	Synthetic peptide, corresponding to a region within amino acids 425-475 of Human PASK (NP_055963.2).
Positive control	HeLa, 293T and Jurkat whole cell lysate (ab7899).
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 99% Tris citrate/phosphate</p>
Purity	pH 7 to 8 Immunogen affinity purified
Purification notes	ab114988 was affinity purified using an epitope specific to PASK immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab114988 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	★★★★★ (1)	1/2000 - 1/10000. Predicted molecular weight: 143 kDa.
IP		Use at 2-10 µg/mg of lysate.

Target

Tissue specificity

Ubiquitously expressed, with slightly higher expression in brain, prostate and testis. Reduced expression was found in placenta.

Sequence similarities

Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.
Contains 2 PAS (PER-ARNT-SIM) domains.
Contains 1 protein kinase domain.

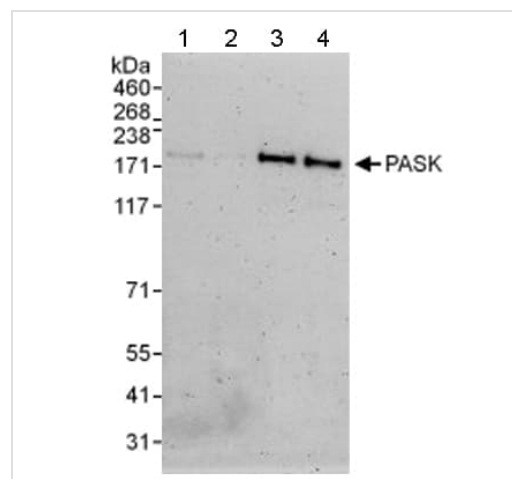
Post-translational modifications

Autophosphorylated on Thr-1161 and Thr-1165.

Cellular localization

Cytoplasm.

Images



Western blot - Anti-PASK antibody (ab114988)

All lanes : Anti-PASK antibody (ab114988) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

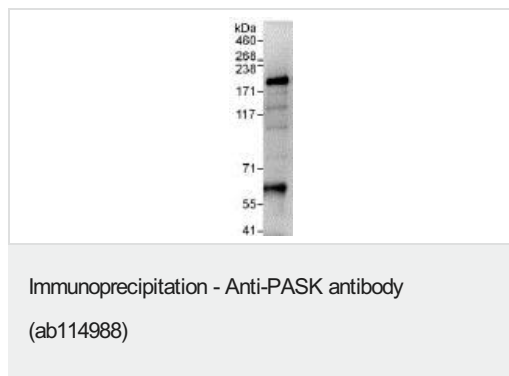
Lane 3 : 293T whole cell lysate at 50 µg

Lane 4 : Jurkat whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 143 kDa

Exposure time: 3 minutes



Detection of PASK by Western Blot of Immunoprecipitate.

ab114988 at 0.4 µg/ml staining PASK in HeLa whole cell lysate immunoprecipitated using ab114988 at 6 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with exposure time of 3 minutes.

All lanes : Anti-PASK antibody (ab114988) at 0.4 µg/ml

Lane 1 : HeLa cell lysate, IP with ab114988 at 6 µg per mg lysate

Lane 2 : HeLa cell lysate, IP with alternative PASK antibody

Lane 3 : HeLa cell lysate, IP with control IgG

Lysates/proteins at 200 µg per lane.

Developed using the ECL technique.

Exposure time: 3 minutes

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

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