


Product datasheet

Anti-PSKH1 antibody ab69993

1 Image

Overview

<b>Product name</b>	Anti-PSKH1 antibody
<b>Description</b>	Rabbit polyclonal to PSKH1
<b>Host species</b>	Rabbit
<b>Specificity</b>	Detects endogenous levels of total PSKH1 protein.
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Synthesized peptide derived from an internal sequence of human PSKH1.
<b>Positive control</b>	Extracts from A549 cells

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Affinity purified from rabbit antiserum by affinity chromatography, using epitope specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab69993** in the following tested applications.

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

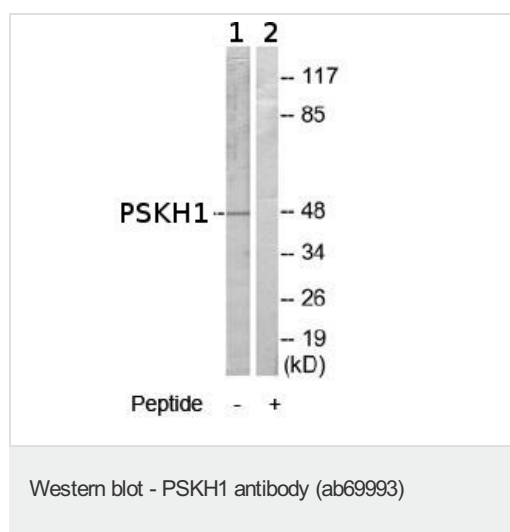
Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 48 kDa (predicted molecular weight: 48 kDa).

Application	Abreviews	Notes
ELISA		1/20000.

## Target

<b>Function</b>	May be a SFC-associated serine kinase (splicing factor compartment-associated serine kinase) with a role in intranuclear SR protein (non-snRNP splicing factors containing a serine/arginine-rich domain) trafficking and pre-mRNA processing.
<b>Tissue specificity</b>	Expressed in all tissues and cell lines tested with the highest level of abundance in testis.
<b>Sequence similarities</b>	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Contains 1 protein kinase domain.
<b>Post-translational modifications</b>	Autophosphorylated on serine residues. Myristoylated. Required for membrane association. Prerequisite for palmitoylation to occur. Palmitoylated.
<b>Cellular localization</b>	Golgi apparatus. Cytoplasm > cytoskeleton > centrosome. Nucleus speckle. Endoplasmic reticulum membrane. Cell membrane. Cytoplasm. Localized in the brefeldin A-sensitive Golgi compartment, at centrosomes, in the nucleus with a somewhat speckle-like presence, membrane-associated to the endoplasmic reticulum (ER) and the plasma membrane (PM), and more diffusely in the cytoplasm. Found to concentrate in splicing factor compartments (SFCs) within the nucleus of interphase cells. The acylation-negative form may be only cytoplasmic and nuclear. Acylation seems to allow the sequestering to the intracellular membranes. Myristoylation may mediate targeting to the intracellular non-Golgi membranes and palmitoylation may mediate the targeting to the Golgi membranes. Dual acylation is required to stabilize the interaction with Golgi membranes.

## Images



**All lanes :** Anti-PSKH1 antibody (ab69993) at 1/500 dilution

**Lane 1 :** Extracts from A549 cells, minus immunising peptide

**Lane 2 :** Extracts from A549 cells, plus immunising peptide at 5µg

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 48 kDa

**Observed band size:** 48 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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