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Datasheet for ABIN7269192
anti-PSIP1 antibody (AA 301-530)

1 Image

Overview

Quantity:	100 µL
Target:	PSIP1
Binding Specificity:	AA 301-530
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSIP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	PSIP1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 301-530 of human PSIP1 (NP_150091.2).
Sequence:	NMLKGQHEKE AADRKRKQEE QMETEQQNKD EGKKPEVKKV EKKRETSMDS RLQRIHAEIK NSLKIDNLDV NRCIEALDEL ASLQVTMQQA QKHTEMITTL KKIRRFKVSQ VIMEKSTMLY NKFKNMFLVG EGDSVITQVL NKSLAEQRQH EEANKTKDQG KKGPNKKLEK EQTGSKTLNG GSDAQDGNQP QHNGESNEDS KDNHEASTKK KPSSEERETE ISLKDSTLDN
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: PSIP1

Alternative Name: PSIP1 ([PSIP1 Products](#))

Background: Transcriptional coactivator involved in neuroepithelial stem cell differentiation and neurogenesis. Involved in particular in lens epithelial cell gene regulation and stress responses. May play an important role in lens epithelial to fiber cell terminal differentiation. May play a protective role during stress-induced apoptosis. Isoform 2 is a more general and stronger transcriptional coactivator. Isoform 2 may also act as an adapter to coordinate pre-mRNA splicing. Cellular cofactor for lentiviral integration.,PSIP1,DFS70,LEDGF,PAIP,PSIP2,p52,p75,Epigenetics & Nuclear Signaling,RNA Binding,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Stem Cells,PSIP1

Molecular Weight: 37kDa/60kDa

Gene ID: 11168

UniProt: [075475](#)

Pathways: [Chromatin Binding](#), [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

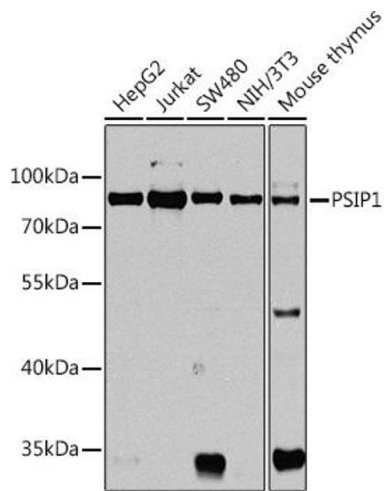
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PSIP1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.