

PSPC1 Rabbit Polyclonal Antibody

Catalog No: #55590

Package Size: #55590-1 50ul #55590-2 100ul

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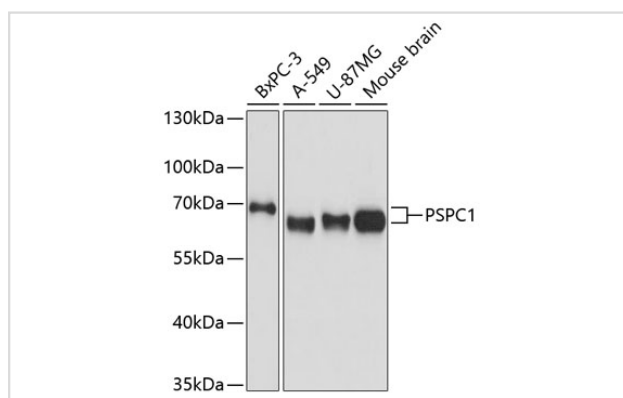
Description

Product Name	PSPC1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PSPC1 (NP_001035879.1).
Conjugates	Unconjugated
Other Names	PSPC1;PSP1
Accession No.	Swiss Prot:Q8WXF1GeneID:55269
Calculated MW	45kDa/58kDa
SDS-PAGE MW	65kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:2000 - 1:5000 IHC □ 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using PSPC1 at 1:3000 dilution.

Background

This gene encodes a nucleolar protein that localizes to punctate subnuclear structures that occur close to splicing speckles, known as paraspeckles. These paraspeckles are composed of RNA-protein structures that include a non-coding RNA, NEAT1/Men epsilon/beta, and the Drosophila Behavior Human Splicing family of proteins, which include the product of this gene and the P54NRB/NONO and PSF/SFPQ proteins. Paraspeckles may function in the control of gene expression via an RNA nuclear retention mechanism. The protein encoded by this gene is found in paraspeckles in

transcriptionally active cells, but it localizes to unique cap structures at the nucleolar periphery when RNA polymerase II transcription is inhibited, or during telophase. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene, which is also located on chromosome 13, has been identified.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.