

Datasheet for ABIN969370

anti-PSIP1 antibody

5 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	PSIP1
Reactivity:	Human, Rat, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PSIP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human PSIP1 expressed in E. coli.
Clone:	6-00E-04
Isotype:	IgG1
Purification:	purified

Target Details

Target:	PSIP1
Alternative Name:	PSIP1 (PSIP1 Products)
Background:	Description: 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

Target Details

transcriptional coactivator. Isoform 2 may also act as an adapter to coordinate pre-mRNA splicing. Cellular cofactor for lentiviral integration. Tissue specificity: Widely expressed. Expressed at high level in the thymus. Expressed in fetal and adult brain. Expressed in neurons, but not astrocytes. Markedly elevated in fetal as compared to adult brain. In the adult brain, expressed in the subventricular zone (SVZ), in hippocampus, and undetectable elsewhere. In the fetal brain, expressed in the germinal neuroepithelium and cortical plate regions.

Aliases: p52, p75, PAIP, DFS70, LEDGF, PSIP2, MGC74712, PSIP1

Molecular Weight: 75 kDa

Gene ID: 11168

HGNC: 11168

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

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

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: 4 °C/-20 °C

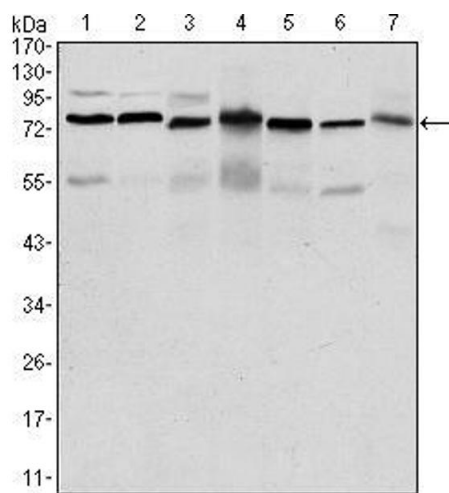
Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in: Mishra, Thakur, Somal, Parmar, Yadav, Bharati, Bharti, Paul, Verma, Chouhan, Sharma, Singh, González, DOcchio, Sarkar et al.: "Expression and localization of angiopoietin family in buffalo ovarian follicles during different stages of development and modulatory role of angiopoietins on steroidogenesis and survival of cultured ..." in: **Theriogenology**, Vol. 86, Issue 7, pp. 1818-33, (2016) ([PubMed](#)).

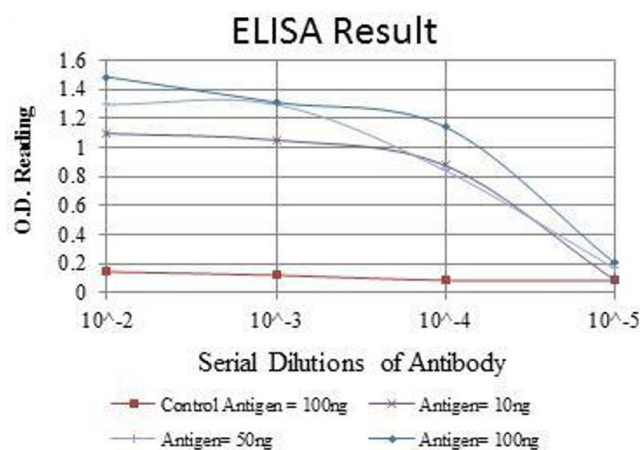
Mishra, Parmar, Yadav, Reshma, Bharati, Bharti, Paul, Chouhan, Taru Sharma, Singh, Sarkar et al.: "Expression and localization of angiopoietin family in corpus luteum during different stages of oestrous cycle and modulatory role of angiopoietins on steroidogenesis, angiogenesis and survivability ..." in: **Reproduction in domestic animals = Zuchthygiene**, Vol. 51, Issue 6, pp. 855-869, (2016) ([PubMed](#)).

Images



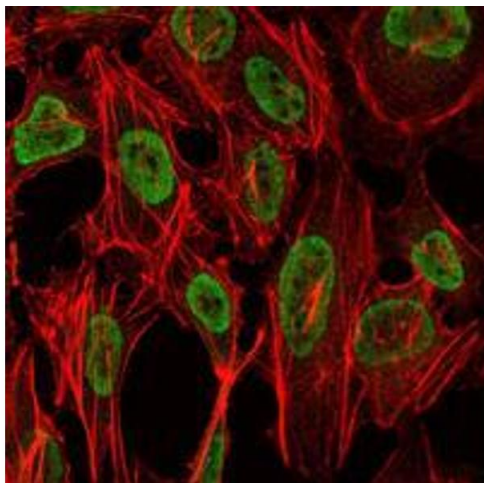
Western Blotting

Image 1. Western blot analysis using PSIP1 mouse mAb against HepG2 (1), Jurkat (2), K562 (3), Cos7 (4), PC-12 (5), Hela (6), and NIH/3T3 (7) cell lysate.



ELISA

Image 2. Red: Control Antigen (100 ng), Purple: Antigen (10 ng), Green: Antigen (50 ng), Blue: Antigen (100 ng),



Immunofluorescence

Image 3. Immunofluorescence analysis of NIH/3T3 cells using PSIP1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN969370.