



Rabbit Anti-PSCDBP antibody

SL11062R

Product Name:	PSCDBP
Chinese Name:	胞粘蛋白结合调节蛋白抗体
Alias:	CYTIP; B31; CASP; Cbp HE; CYBR; CYTHIP; Cytip; CYTIP_HUMAN; Cytohesin binder and regulator; Cytohesin-associated scaffolding protein; Cytohesin-binding protein HE; Cytohesin-interacting protein; HE antibody Pleckstrin Homology Sec7 and Coiled-Coil Domains Binding Protein; Pleckstrin homology Sec7 and coiled-coil domains-binding protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	40kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PSCDBP:1-100/359
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	CYTIP is a cytoplasmic protein that is involved in lymphocytic cell adhesion. Expressed primarily in hematopoetic cells, CYTIP regulates the activity of cytohesin-1 (an integrin-activating protein involved in cell adhesion) by mediating its recruitment to

the leukocyte membrane. Through its ability to bind cytohesin-1, CYTIP is able to sequester it to the cytoplasm, thereby preventing cytohesin-1 translocation to lymphocytes and interrupting the flow of information in the cell adhesion pathway. CYTIP can be recruited from the cytoplasm to the membrane by leukocyte integrins which interact with CYTIP through its PDZ domain. After membrane translocation, CYTIP can be re-located to the cytoplasm via exposure to a phorbol ester. Additionally, CYTIP associates with SNX27 (sorting nexin 27) and helps to coordinate trafficking and signaling complexes. Up-regulation of CYTIP is observed in maturing dendritic cells, suggesting a possible role in developmentally-controlled cell adhesion.

Function:

By its binding to cytohesin-1 (CYTH1), it modifies activation of ARFs by CYTH1 and its precise function may be to sequester CYTH1 in the cytoplasm.

Subunit:

Interacts with CYTH1 and SNX27.

Subcellular Location:

Cytoplasm. Early endosome. Recruited from the cytosol to endosomes by SNX27.

Tissue Specificity:

Expressed in lymph nodes, thymus, spleen, lung, peripheral blood leukocytes and bone marrow.

Similarity:

Contains 1 PDZ (DHR) domain.

SWISS:

O60759

Gene ID:

9595

Database links:

[Entrez Gene: 9595](#) Human

[Omim: 604448](#) Human

[SwissProt: O60759](#) Human

[Unigene: 270](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
--	---

www.sunlongbiotech.com