



Rabbit Anti-Persephin antibody

SL1518R

Product Name:	Persephin
Chinese Name:	PSP抗体
Alias:	PSPN HUMAN; PSP.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-F=1:400-800IF=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:	14kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Persephin:51-156/156
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:	This gene encodes a secreted ligand of the GDNF (glial cell line-derived neurotrophic factor) subfamily and TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein signals through the RET receptor tyrosine kinase and a GPI-linked coreceptor, and promotes survival of neuronal populations. This protein may play a role in cell death, and nervous system development and function. Elevated expression of this gene has been observed in oral squamous cell carcinoma. [provided by RefSeq,

Aug 2016]

Function:

Exhibits neurotrophic activity on mesencephalic dopaminergic and motor neurons.

Subunit:

Homodimer; disulfide-linked.

Subcellular Location:

Secreted.

Similarity:

Belongs to the TGF-beta family. GDNF subfamily.

SWISS:

O60542

Gene ID:

5623

Database links:

[Entrez Gene: 5623](#)Human

[Omim: 602921](#)Human

[SwissProt: O60542](#)Human

[Unigene: 248159](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Neurobiology相关蛋白 (Neurobiology)

PSP是TGF-

β 家族的一个新亚族, 该亚族还有其他三个成员: Neurturin(NTN)、GDNF和Artemin (ART), 它们均不同程度地对多巴胺神经元、脊髓前角运动神经元、背根神经节、颈上神经节以及肾等非神经元细胞都具有生长促进作用。研究表明胶质细胞源性神经营养因子, 主要用于PD的研究。