



PSP Polyclonal Antibody

Catalog No	YP-Ab-12856
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA;IHC
Gene Name	PSPN
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human PSPN. AA range:101-150
Specificity	PSP Polyclonal Antibody detects endogenous levels of PSP protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:3.1.3.3;L-3-phosphoserine phosphatase;O-phosphoserine phosphohydrolase;PSP;PSPase;PSPN;Persephin
Observed Band	16kD
Calculated Molecular Weight	16kD
Cell Pathway	Secreted.
Tissue Specificity	
Function	function:Exhibits neurotrophic activity on mesencephalic dopaminergic and motor neurons.,similarity:Belongs to the TGF-beta family. GDNF subfamily., subunit:Homodimer; disulfide-linked.,
Background	persephin(PSPN) Homo sapiens 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],

matters needing attention

Avoid repeated freezing and thawing!

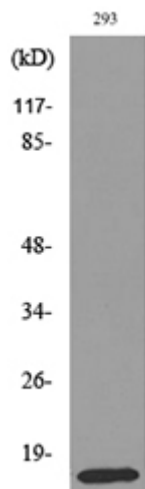
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

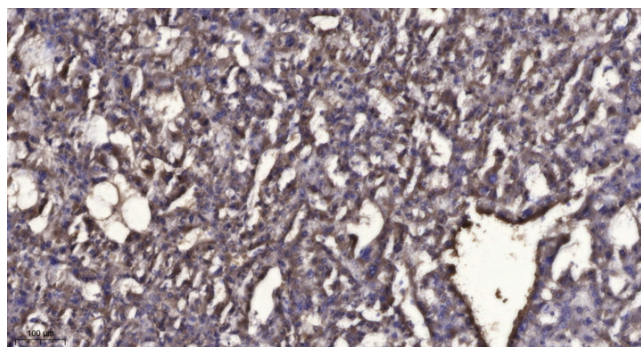
Products Images



Western Blot analysis of 293 cells using PSP Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from 293 cells, using PSPN Antibody.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).