
Product Name: PSPN Rabbit Polyclonal Antibody**Catalog #: APRab00615**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 17 kDa; Observed MW: 17 kDa

Antigen Information

Gene Name	PSPN
Alternative Names	PSPN; Persephin; PSP
Gene ID	5623
SwissProt ID	O60542
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human PSPN. AA range:101-150

Background

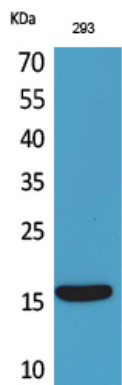
The protein encoded by this gene is a neurotrophic factor, belonging to the GDNF family. Neurotrophic factors are important

for the proper development and maintenance of the nervous system. These factors promote neuronal survival and can prevent the neuronal degeneration associated with injury, toxin exposure, or neurodegenerative disease. The encoded protein has amino acid similarity to its other family members, glial cell line-derived neurotrophic factor and neurturin. This gene product promotes the survival of ventral midbrain dopaminergic neurons in culture and prevents their degeneration after 6-hydroxydopamine treatment in vivo.

Research Area

Neuroscience

Image Data



Western blot analysis of PSPN in 293 lysates using PSPN antibody.