

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



## Summary

<b>Production Name</b>	PSPN Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	PSPN
<b>Alternative Names</b>	PSPN; Persephin; PSP
<b>Gene ID</b>	5623
<b>SwissProt ID</b>	O60542

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 ELISA: 1/10000
<b>Molecular Weight</b>	Calculated MW: 17 kDa; Observed MW: 17 kDa

## Background

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

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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.

## Note

For research use only.