

Product Name: PSPN Rabbit Polyclonal Antibody
Catalog #: APRab00615



Summary

Production Name	PSPN Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

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

Immunogen

Gene Name	PSPN
Alternative Names	PSPN; Persephin; PSP
Gene ID	5623
SwissProt ID	O60542.

Application

Dilution Ratio	WB: 1:500-1:1000 ELISA: 1:10000
Molecular Weight	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 important for the proper development and maintenance of the nervous system. These factors promote neuronal survival

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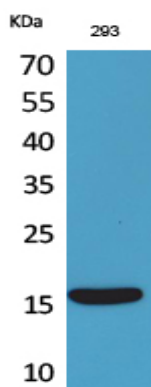


and can prevent the neuronal degeneration associated with injury, toxin exposure, or neurodegenerative disease. The encoded protein has amino acid similarity to its other family members, glial cell line-derived neurotrophic factor and neurturin. This gene product promotes the survival of ventral midbrain 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.