Product Name: PSPN Rabbit Polyclonal Antibody

Catalog #: APRab00615



Summary

Production Name PSPN Rabbit Polyclonal Antibody

Description Primary antibody

HostRabbitApplicationWB,ELISAReactivityHuman

Performance

ConjugationUnconjugatedModificationUnmodified

Isotype IgG

Clonality Polyclonal Antibody

Form Liquid

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 Purified

Immunogen

Storage

Gene Name PSPN

Alternative Names PSPN; Persephin; PSP

 Gene ID
 5623

 SwissProt ID
 060542

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

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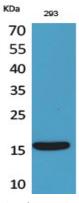


important for the proper development and maintenance of the nervous system. These factors promote neuronal survival and can prevent the neuronal degeneration associated with injury, toxin exposure, or neurodegenerative disease. The encoded protein has amino acid similarity to its other family members, 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

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