

ARG66054 anti-Persephin antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes Persephin
Tested Reactivity	Hu
Tested Application	ELISA
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Persephin
Species	Human
Immunogen	E. coli derived recombinant Human Persephin. (RALSGPCQLW SLTSLVAELG LGYASEEKVI FRYCAGSCPR GARTQHGLAL ARLQGQGRAH GGPCCRPTRY TDVAFLDDRH RWQRLPQLSA AACGCGG)
Conjugation	Biotin
Alternate Names	Persephin; PSP

Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66053 as a capture antibody
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 5623 Human](#)
[Swiss-port # O60542 Human](#)

Gene Symbol

PSPN

Gene Full Name

persephin

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. [provided by RefSeq, Jul 2008]

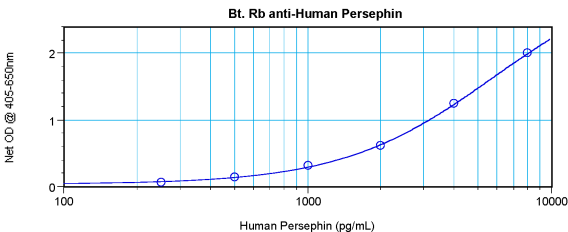
Function

Exhibits neurotrophic activity on mesencephalic dopaminergic and motor neurons. [UniProt]

Calculated Mw

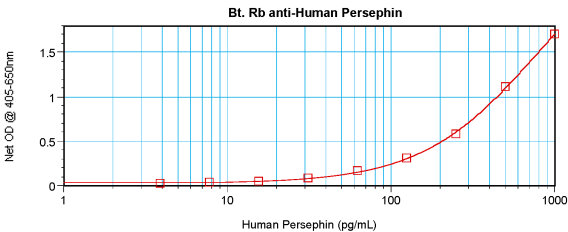
17 kDa

Images



ARG66054 anti-Persephin antibody (Biotin) standard curve image

Direct ELISA: ARG66054 anti-Persephin antibody (Biotin) at 0.25 - 1.0 μ g/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66054 anti-Persephin antibody (Biotin) standard curve image

Sandwich ELISA: ARG66054 anti-Persephin antibody (Biotin) as a detection antibody at 0.25 - 1.0 μ g/ml combined with ARG66053 anti-Persephin antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.