

ARG66053 anti-Persephin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	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 SLTLSVAELG LGYASEEKVI FRYCAGSCPR GARTQHGLAL ARLQGQGRAH GGPCCRPTRY TDVAFLDDRH RWQRLPQLSA AACGCGG)
Conjugation	Un-conjugated
Alternate Names	Persephin; PSP

Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG66054 as a detection 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	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. 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

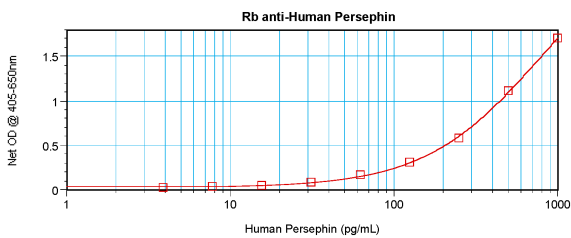
Gene Full Name persephin

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



ARG66053 anti-Persephin antibody standard curve image

Sandwich ELISA: ARG66053 anti-Persephin antibody as a capture antibody at 0.5 - 2.0 $\mu\text{g}/\text{ml}$ combined with ARG66054 anti-Persephin antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.