

ARG44715 anti-NPTX1 / NP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes NPTX1 / NP1
Tested Reactivity	Hu, Rat
Tested Application	IHC-P, IP
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	NPTX1 / NP1
Species	Human
Conjugation	Un-conjugated
Alternate Names	Neuronal pentraxin-1; NP-I; NP1; Neuronal pentraxin I

Application Instructions

Application table	Application	Dilution
	IHC-P	5-10 µg/mL
	IP	10 µg/mL

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
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

Gene Symbol	NPTX1
Gene Full Name	neuronal pentraxin I
Background	NPTX1 is a member of the neuronal pentraxin gene family. Neuronal pentraxin 1 is similar to the rat

NP1 gene which encodes a binding protein for the snake venom toxin taipoxin. Human NPTX1 mRNA is exclusively localized to the nervous system. [provided by RefSeq, Jul 2008]

Function

May be involved in mediating uptake of synaptic material during synapse remodeling or in mediating the synaptic clustering of AMPA glutamate receptors at a subset of excitatory synapses. [UniProt]

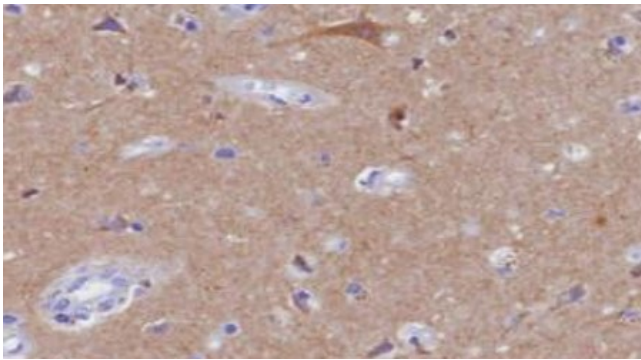
Calculated Mw

47 kDa

Cellular Localization

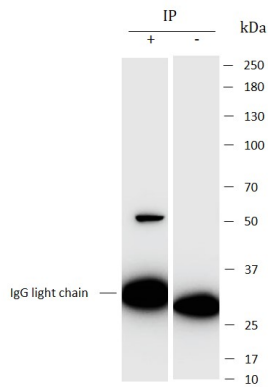
Cytoplasmic vesicle, secretory vesicle. [UniProt]

Images



ARG44715 anti-NPTX1 / NP1 antibody IHC-P image

Immunohistochemistry: Human brain stained with ARG44715 anti-NPTX1 / NP1 antibody at 5 µg/mL dilution.



ARG44715 anti-NPTX1 / NP1 antibody IP image

Immunoprecipitation: Rat brain lysate immunoprecipitated with 2.5 µg of ARG44715 anti-NPTX1 / NP1 antibody.