

ARG64405 anti-MP100 / NPEPPS antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MP100 / NPEPPS
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MP100 / NPEPPS
Species	Human
Immunogen	C-KRDAESIHQYLLQRK
Conjugation	Un-conjugated
Alternate Names	Puromycin-sensitive aminopeptidase; PSA; EC 3.4.11.14; MP100; Cytosol alanyl aminopeptidase; AAP-S

Application Instructions

Application table	Application	Dilution
	WB	0.2 - 0.5 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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: 9520 Human](#)

[Swiss-port # P55786 Human](#)

Background

This gene encodes the puromycin-sensitive aminopeptidase, a zinc metallopeptidase which hydrolyzes amino acids from the N-terminus of its substrate. The protein has been localized to both the cytoplasm and to cellular membranes. This enzyme degrades enkaphalins in the brain, and studies in mouse suggest that it is involved in proteolytic events regulating the cell cycle. [provided by RefSeq, Jul 2008]

Research Area

Neuroscience antibody

Calculated Mw

103 kDa

Images



ARG64405 anti-MP100 / NPEPPS antibody WB image

Western Blot: Human Brain (Cerebral Cortex) lysate (35 µg protein in RIPA buffer) stained with ARG64405 anti-MP100 / NPEPPS antibody at 0.3 µg/ml dilution.