

CNPase antibody [11-5B]

Cat. No. GTX26319

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, Dot, ELISA, IHC
Reactivity	Human, Mouse, Rat, Rabbit, Sheep, Bovine, Dog, Pig

References (1)

Package

100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500
ICC/IF	Assay dependent
Dot	Assay dependent
ELISA	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW 48 kDa. ([Note](#))

Product Note

Monoclonal Anti-CNPase reacts specifically with CNPase in ELISA, immunoblotting and immunohistochemical staining of brain sections. In an immunoblotting assay, the antibody localizes both CNP1 (46kD) and CNP2 (48kD) bands of the enzyme and recognizes whole brain CNPase of human, bovine, mouse, rat, rabbit, dog, sheep and pig but not guinea pig or chicken. Immunohistochemical staining performed on paraffin, cryostat, or vibratome sections of rat brain, reveals a selective staining of oligodendrocytes in the grey and white matter. Nerve cells and axons are not stained and astroglial cells do not appear to be labeled.

Properties

Form	Liquid
Buffer	Ascites, 15 mM sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Immunogen	human 2',3'-cyclic nucleotide-3'-phosphodiesterase (E.C.3.1.4.37, CNPase).
Purification	Unpurified
Conjugation	Unconjugated



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Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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