

Product datasheet for **TA389001**

Cnp Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:5000 WB Brain: 1:5000 1:5000
Reactivity:	Bovine, Human, Mouse, Rat
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length human recombinant protein
Specificity:	Specific for endogenous levels of the ~46 kDa CNP protein.
Formulation:	PBS + 50% glycerol and 5 mM Na ₃
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Stability:	After date of receipt, stable for at least 1 year at -20°C.
Predicted Protein Size:	46
Gene Name:	2',3'-cyclic nucleotide 3' phosphodiesterase
Database Link:	Entrez Gene 25275 Rat P09543
Background:	2,3-cyclic nucleotide-3-phosphodiesterase (CNP) is a membrane bound, microtubule associated protein that is among the most abundant myelin proteins of the CNS. It is thought that CNP may serve as a regulator of tubulin polymerization and of microtubule distribution (Bifulco et al., 2002). It was recently found that CNP may also function as a possible linker protein anchoring microtubules to the plasma membrane via a 13 residue C-terminal CNP fragment (Bifulco et al., 2002, Esposito et al., 2008).



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Synonyms: CNP1; CNPase

Note: Affinity purified goat serum