

Anti-CPE/Carboxypeptidase E Antibody

Catalog Number: A01407

About CPE

Receptor for brain-derived neurotrophic factor (BDNF), neurotrophin-3 and neurotrophin-4/5 but not nerve growth factor (NGF). Involved in the development and/or maintenance of the nervous system. This is a tyrosine-protein kinase receptor. Known substrates for the TRK receptors are SHC1, PI-3 kinase, and PLC-gamma-1.

Woronowicz A, et al. Glycobiology. 2007 Jan;17(1):10-24. Mojsilovic-Petrovic J, et al. J Neurosci. 2006 Sep 6;26(36):9250-63. Lewis MA, et al. Mol Pharmacol. 2006 Apr;69(4):1396-404. Cai D, et al. Physiol Genomics. 2006 Feb 14;24(3):191-7.

Overview

Product Name	Anti-CPE/Carboxypeptidase E Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CPE/Carboxypeptidase E Antibody catalog # A01407. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal 3F9
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P16870

Technical Details

Immunogen	Synthesized peptide derived from the C-terminal region of human CPE.
Predicted Reactive Species	Bovine, Canine, Guinea Pig, Zebrafish
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL.
Purification	Immunogen affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

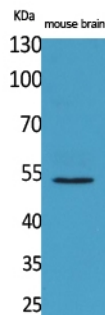
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

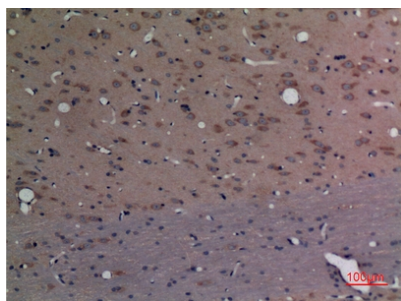
WB, 1:500-1:2000

IHC-P, 1:100-300

Anti-CPE/Carboxypeptidase E Antibody (A01407) Images



Western Blot (WB) analysis of Mouse Brain cells using CPE Polyclonal antibody.



Immunohistochemistry (IHC) analysis of paraffin-embedded Rat Brain, antibody was diluted at 1:100.

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