

BACE1 antibody

Cat. No. GTX134480

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Mouse, Rat

References (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW	56 kDa. (Note)
Product Note	This antibody may not be suitable for rat WB assay, as its rat reactivity is based on ICC/IF testing.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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.
Concentration	1.85 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide encompassing a sequence within the Intracellular domain of human BACE1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

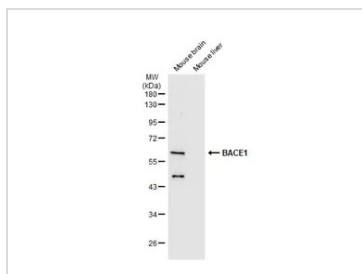


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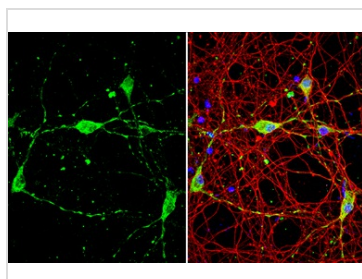
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Note

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DATA IMAGES

GTX134480 WB Image

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with BACE1 antibody (GTX134480) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX134480 ICC/IF Image

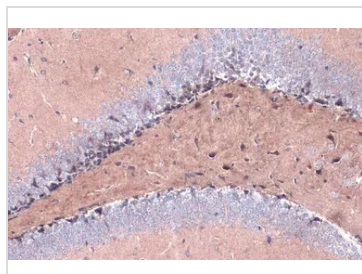
BACE1 antibody detects BACE1 protein by immunofluorescent analysis.

Sample: DIV10 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: BACE1 stained by BACE1 antibody (GTX134480) diluted at 1:500.

Red: Tau, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).


GTX134480 IHC-P Image

BACE1 antibody detects BACE1 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse hippocampus.

BACE1 stained by BACE1 antibody (GTX134480) diluted at 1:1000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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