

BACE1 antibody [HL5067]

Cat. No. GTX645257

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse, Rat

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
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 50 (de-glycosylated form), 60-72 (glycosylated form) kDa.

Product Note For IHC-P, we recommend GTX645256. For WB, we recommend GTX645257. This antibody was raised against human BACE1 Extracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment encompassing a sequence within the Extracellular domain of human BACE1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

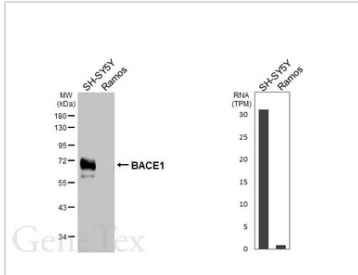


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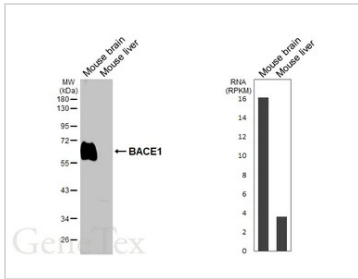
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Note

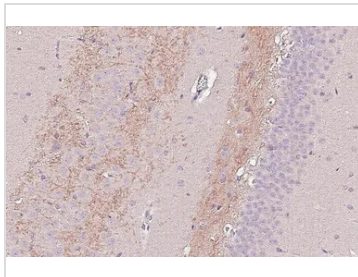
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DATA IMAGES

GTX645257 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with BACE1 antibody [HL5067] (GTX645257) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate. Corresponding RNA expression data are based on Human Protein Atlas program.


GTX645257 WB Image

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with BACE1 antibody [HL5067] (GTX645257) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate. Corresponding RNA expression data are based on NCBI database.

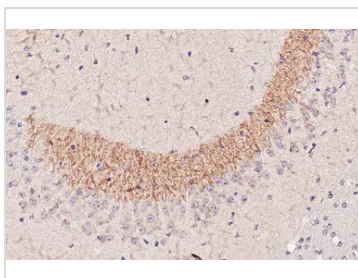

GTX645257 IHC-P Image

BACE1 antibody [HL5067] detects BACE1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat hippocampus.

BACE1 stained by BACE1 antibody [HL5067] (GTX645257) diluted at 1:100.

Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min


GTX645257 IHC-P Image

BACE1 antibody [HL5067] detects BACE1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse hippocampus.

BACE1 stained by BACE1 antibody [HL5067] (GTX645257) diluted at 1:100.

Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min



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