

Summary

Production Name	BACE1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	BACE1
Alternative Names	ASP2; Bace; C76936
Gene ID	23821.0
SwissProt ID	P56818. Recombinant protein of mouse BACE1

Application

Dilution Ratio	WB:1:500-1:1000, IP:1:10-1:20
Molecular Weight	Calculated MW: 56 kDa; Observed MW: 70 kDa

Background

Responsible for the proteolytic processing of the amyloid precursor protein (APP). Cleaves at the N-terminus of the A-beta

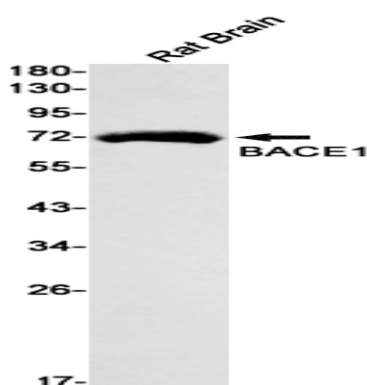
Product Name: BACE1 Rabbit Monoclonal Antibody
Catalog #: AMRe85335



peptide sequence, between residues 671 and 672 of APP, leads to the generation and extracellular release of beta-cleaved soluble APP, and a corresponding cell-associated C-terminal fragment which is later released by gamma-secretase. Cleaves APP with much more catalytic efficiency than for the wild-type.

Research Area

Image Data



Western blot analysis of BACE1 in rat Brain lysates using BACE1 antibody.

Note

For research use only.