

Anti-BACE1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

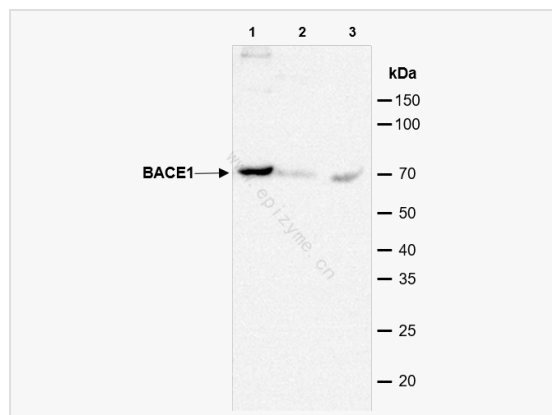
Catalog # R013582

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	80L83L12
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of mouse BACE1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-BACE1 Rabbit mAb [80L83L12] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ASP2, Bace, C76936.
Calculated MW	Calculated MW: 70 kDa; Observed MW: 70 kDa
Uniprot ID	P56818
Gene ID	23821
Background	Responsible for the proteolytic processing of the amyloid precursor protein (APP). Cleaves at the N-terminus of the A-beta 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.



Western Blot - Anti-BACE1 Rabbit mAb [80L83L12]

All lanes: R013582 at 1:1,000 dilution

Lane 1: Balb/c mouse brain whole tissue lysates

Lane 2: Balb/c mouse intestines whole tissue lysates

Lane 3: Balb/c mouse liver whole tissue lysates

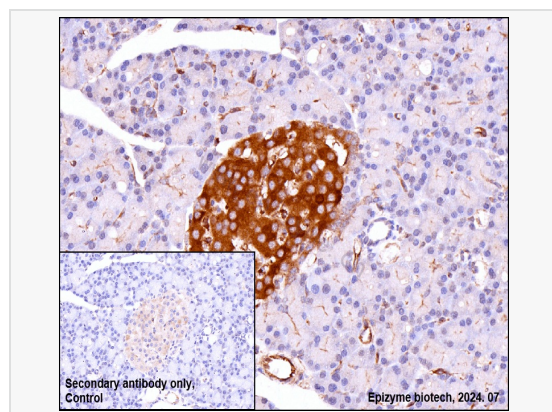
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 70 kDa

Observed band size: 70 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-BACE1 Rabbit mAb [80L83L12]

Sample: Paraformaldehyde-fixed, paraffin embedded rat pancreas tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013582 at 1:200 dilution

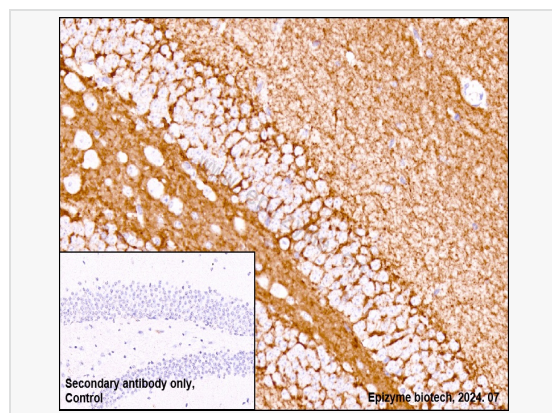
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-BACE1 Rabbit mAb [80L83L12]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse brain tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013582 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.