BACE1 Rabbit pAb

Catalog No.: A5266 12 Publications



Basic Information

Observed MW

70kDa

Calculated MW

56kDa

Category

Primary antibody

Applications

WB,IF/ICC,IF-P,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the peptidase A1 family of aspartic proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protease. This transmembrane protease catalyzes the first step in the formation of amyloid beta peptide from amyloid precursor protein. Amyloid beta peptides are the main constituent of amyloid beta plaques, which accumulate in the brains of human Alzheimer's disease patients.

Recommended Dilutions

IF/ICC	1:50 - 1:200	
IF-P	1:50 - 1:200	
IHC-P	1:50 - 1:200	
ELISA	Recommended starting concentration is 1 μ g/mL.	

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

1:100 - 1:500

Immunogen Information

Gene ID	Swiss Prot
23621	P56817

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ASP2; BACE; HSPC104; BACE1

Contact

WB

a	400-999-6126
×	cn.market@abclonal.com.cn
	www.abclonal.com.cn

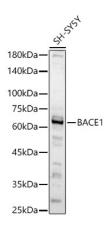
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

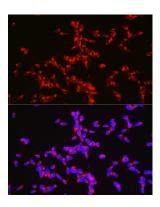


Western blot analysis of lysates from SH-SY5Y cells, using BACE1 Rabbit pAb (A5266) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

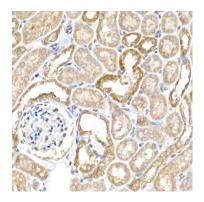
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

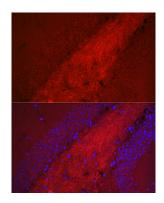
Exposure time: 90s.



Immunofluorescence analysis of SH-SY5Y cells using BACE1 Rabbit pAb (A5266) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Mouse kidney using BACE1 Rabbit pAb (A5266) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of paraffinembedded mouse brain using BACE1 Rabbit pAb (A5266) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Mouse hippocampus using BACE1 Rabbit pAb (A5266) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.