# antibodies - online.com







## anti-BACE1 antibody (AA 170-428)

**Images** 



#### Overview

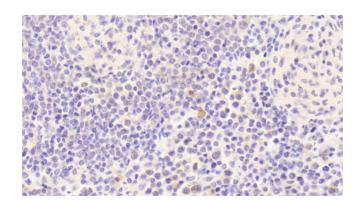
Quantity:	100 μL
Target:	BACE1
Binding Specificity:	AA 170-428
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BACE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### **Product Details**

Purpose:	Polyclonal Antibody to Beta-Site APP Cleaving Enzyme 1 (bACE1)
Immunogen:	Recombinant Beta-Site APP Cleaving Enzyme 1 (bACE1) corresdonding to Phe170~Thr428 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against bACE1. It has been selected for its ability to recognize bACE1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

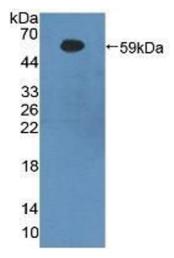
### **Target Details**

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Target:	BACE1
Alternative Name:	Beta-Site APP Cleaving Enzyme 1 (BACE1 Products)
Background:	ASP2, Beta Secretase, Memapsin 2, Aspartyl protease 2, Beta-site amyloid precursor protein
	cleaving enzyme 1, Membrane-associated aspartic protease 2
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### **Immunohistochemistry**

**Image 1.** Detection of bACE1 in Human Spleen Tissue using Polyclonal Antibody to Beta-Site APP Cleaving Enzyme 1 (bACE1)



#### **Western Blotting**

Image 2. Detection of Recombinant bACE1, Human using Polyclonal Antibody to Beta-Site APP Cleaving Enzyme 1 (bACE1)