

## BACE1 Antibody

Catalog No: #35650

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

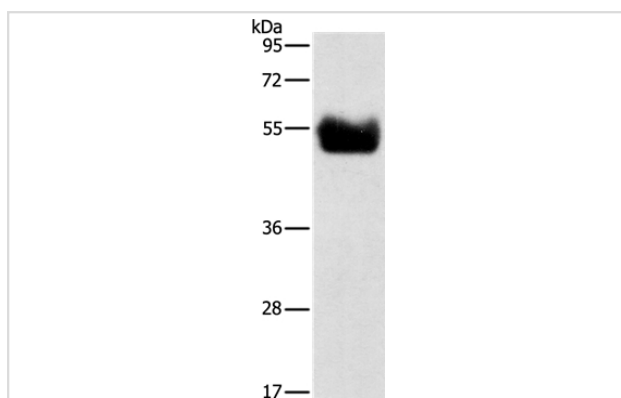
## Description

Product Name	BACE1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total BACE1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human beta-site APP-cleaving enzyme 1
Target Name	BACE1
Other Names	ASP2; BACE; HSPC104
Accession No.	Swiss-Prot#: P56817NCBI Gene ID: 23621Gene Accssion: BC065492
Uniprot	P56817
GeneID	23621;
SDS-PAGE MW	56kd
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

## Images



Gel: 8%SDS-PAGE  
 Lysates (from left to right): Human fetal brain tissue  
 Amount of lysate: 100ug per lane  
 Primary antibody: 1/500 dilution  
 Secondary antibody dilution: 1/8000  
 Exposure time: 1 minute

## Background

Cerebral deposition of amyloid beta peptide is an early and critical feature of Alzheimer's disease. Amyloid beta peptide is generated by proteolytic cleavage of amyloid precursor protein (APP) by two proteases, one of which is the protein encoded by this gene. The encoded protein, a member of

the peptidase A1 protein family, is a type I integral membrane glycoprotein and aspartic protease that is found mainly in the Golgi. Multiple transcript variants encoding different isoforms have been described for this gene.

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Note: This product is for in vitro research use only