

Rabbit BACE1 / BACE Polyclonal Antibody | anti-BACE1 antibody

Rabbit Polyclonal to Human BACE1 / BACE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50675	Rabbit	Gibbon, Gorilla, Human, Monkey, Rat Predicted Reactivity: Mouse, Bovine, Hamster (at least 90% immunogen sequence identity)	Immunohistochemistry

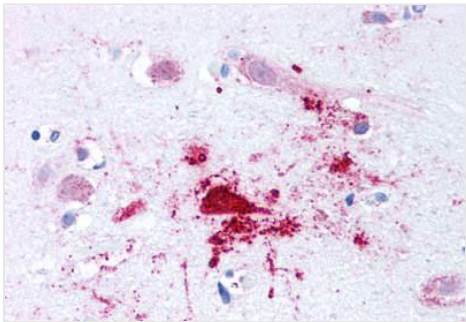
PRODUCT SYNONYMS

BACE1 / BACE; Polyclonal Antibody; Rabbit Polyclonal to Human BACE1 / BACE; Anti-BACE1 / BACE Antibody (N-Terminus) IHC-plus; BACE1; APP beta-secretase; Asp 2; ASP2; Aspartyl protease 2; Aspartylprotease 2; Beta-secretase; Beta-site APP-cleaving enzyme; BACE; HSPC104; KIAA1149; B-Secretase; Beta-secretase 1; Memapsin-2; Human BACE1; anti-BACE1 antibody

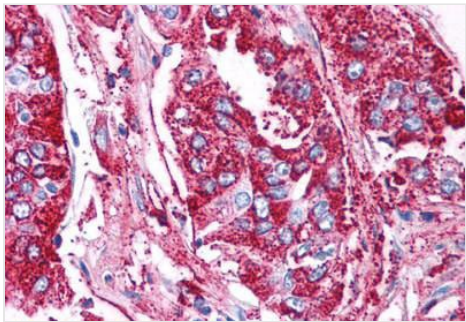
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Monkey, Rat Predicted Reactivity: Mouse, Bovine, Hamster (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human BACE1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except ZBTB47 (44%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	501
Applicable Applications for anti-BACE1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from near N-terminus of human BACE1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Rat (100%); Mouse, Bovine, Hamster, Panda (94%); Bat (89%).
Immunogen Type	Synthetic peptide
Immunogen	BACE1 / BACE antibody was raised against synthetic 18 amino acid peptide from near N-terminus of human BACE1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Rat (100%); Mouse, Bovine, Hamster, Panda (94%); Bat (89%); Elephant, Horse, Rabbit (83%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

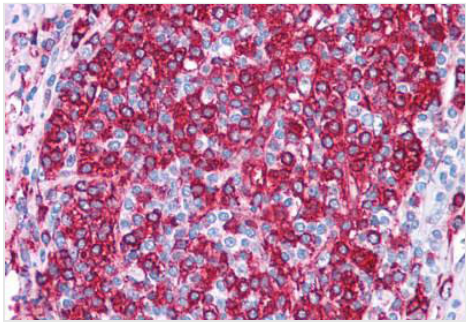
IMAGES



IHC (Immunohistochemistry)
Anti-BACE1 antibody IHC of human brain, Alzheimer's. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-BACE1 / BACE antibody IHC of human Lung, Non-Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-BACE1 / BACE antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-BACE1 antibody	Bace 1 is 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.
Product Categories/Family for anti-BACE1 antibody	Family: Protease ; Subfamily: Aspartic A1

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912266
NCBI GeneID	23621
NCBI Accession #	NP_036236.1
NCBI GenBank Nucleotide #	NM_012104.4
UniProt Accession #	P56817 ; Q9BYB9 ; Q9BYC0 ; Q9BYC1 ; Q9UJT5 ; Q9ULS1 ; A0M8W7 ; B0YIU9 ; E9PE65 ; H7BXJ9
Molecular Weight	42,107 Da
NCBI Official Full Name	beta-secretase 1 isoform A preproprotein
NCBI Official Synonym Full Names	beta-site APP-cleaving enzyme 1
NCBI Official Symbol	BACE1
NCBI Official Synonym Symbols	ASP2; BACE; HSPC104

NCBI Protein Information	beta-secretase 1; asp 2; memapsin-2; APP beta-secretase; aspartyl protease 2; beta-site APP cleaving enzyme 1; beta-secretase 1 precursor variant 1; transmembrane aspartic proteinase Asp2; membrane-associated aspartic protease 2; beta-site amyloid beta A4 precursor protein-cleaving enzyme
UniProt Protein Name	Beta-secretase 1
UniProt Gene Name	BACE1
UniProt Synonym Gene Names	BACE; KIAA1149; ASP2; Asp 2; Beta-site APP cleaving enzyme 1
UniProt Entry Name	BACE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/bace1-bace-antibody-immunohistochemistry-elisa/50675>