

Rabbit BACE2 B Polyclonal Antibody | anti-BACE2 B antibody

BACE2 B Antibody

CATALOG # AAA75676	HOST Rabbit	REACTIVITY Human, Monkey	APPLICATIONS Western Blot, Immunoprecipitation, ELISA
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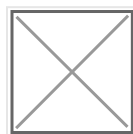
PRODUCT SYNONYMS

BACE2 B; Polyclonal Antibody; BACE2 B Antibody; ALP 56; ASP1; ASP21; Aspartic Like Protease 56kDa; Downs Syndrome Region Aspartic Protease; DRAP; Memapsin-1; Membrane associated aspartic protease 1; Theta-secretase antibody; anti-BACE2 B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.55-0.59 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	396
Applicable Applications for anti-BACE2 B antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Immunogen	Synthetic peptide taken within amino acid region 350-396 on human BACE2B protein.
Expression	Neurons within the hippocampus, frontal cortex and temporal cortex. Lower expression in most peripheral tissues and at higher levels in colon, kidney, pancreas, placenta, prostate, stomach and trachea. Also found in spinal cord, medulla oblongata, substantia nigra and locus coruleus. Expressed in ductal epithelium of prostate.
Molecular Function	Aspartic-type endopeptidase activity.
Structure	Belongs to the peptidase A1 family.
Subcellular Location	Endoplasmic Reticulum, Endosome, Golgi apparatus; Membrane
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-BACE2 B antibody	Affinity Purified beta-secretase 2 isoform B preproprotein Antibody Responsible for the proteolytic processing of the amyloid precursor protein. Cleaves APP between 690 and 691 leading to the generation and extracellular release of beta-cleaved soluble APP and C-terminal fragment which is later released by gamma-secretase.
Product Categories/Family for anti-BACE2 B antibody	Primary Antibodies ; Neuroscience ; Neurogenesis & Plasticity ; BACE2 B Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	21040362
NCBI GeneID	25825
NCBI Accession #	NP_620477
NCBI GenBank Nucleotide #	NM_138992.2
UniProt Accession #	Q9Y5Z0; Q5DIH8; Q8N2D4; Q9H2V8; Q9NZL1; Q9NZL2; Q9UJT6; A8K7P1
Molecular Weight	46,476 Da
NCBI Official Full Name	beta-secretase 2 isoform B preproprotein
NCBI Official Synonym Full Names	beta-site APP-cleaving enzyme 2
NCBI Official Symbol	BACE2
NCBI Official Synonym Symbols	ASP1; BAE2; DRAP; AEPLC; ALP56; ASP21; CDA13; CEAP1
NCBI Protein Information	beta-secretase 2
UniProt Protein Name	Beta-secretase 2
UniProt Gene Name	BACE2
UniProt Synonym Gene Names	AEPLC; ALP56; ASP21; ASP1; Asp 1; Beta-site APP cleaving enzyme 2; DRAP
UniProt Entry Name	BACE2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bace2-b-antibody-western-blot-immunoprecipitation-elisa/75676>