

Rabbit anti-Human, Rat BACE2 Polyclonal Antibody | anti-BACE2 antibody

BACE2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233138	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

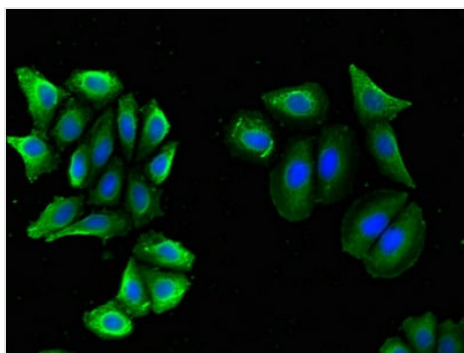
PRODUCT SYNONYMS

BACE2; Polyclonal Antibody; BACE2 Antibody; Beta-secretase 2; Aspartic-like protease 56 kDa; Aspartyl protease 1; ASP1; Asp 1; Beta-site amyloid precursor protein cleaving enzyme 2; Beta-site APP cleaving enzyme 2; Down region aspartic protease; DRAP; Memapsin-1; Membrane-associated aspartic protease 1; Theta-secretase; AEPLC; ALP56; ASP21; CDA13; UNQ418/PRO852; anti-BACE2 antibody

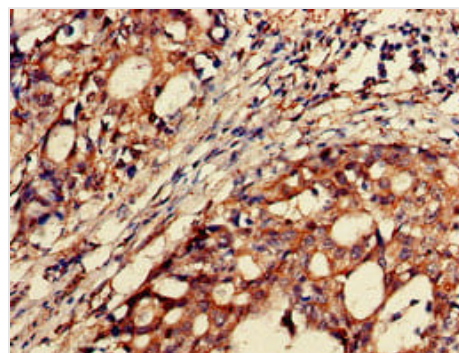
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	518
Applicable Applications for anti-BACE2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Beta-secretase 2 protein (84-157AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-10048 / sc-10049 / sc-10051 / sc-15388
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

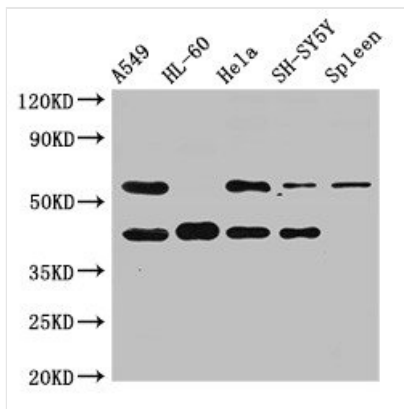
IMAGES


IHC (Immunohistochemistry)

Immunofluorescent analysis of A549 cells using AAA233138 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA233138 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: A549 whole cell lysate, HL-60 whole cell lysate, HeLa whole cell lysate, SH-SY5Y whole cell lysate, Rat spleen tissue. All lanes: BACE2 antibody at 2.5 µg/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 57, 51, 43, 39, 47 kDa. Observed band size: 57, 43 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-BACE2 antibody

Responsible for the proteolytic processing of the amyloid precursor protein (APP). Cleaves APP, between residues 690 and 691, leading 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. It has also been shown that it can cleave APP between residues 671 and 672.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923395
NCBI GeneID	25825
NCBI Accession #	NP_036237.2
NCBI GenBank Nucleotide #	NM_012105.4
UniProt Accession #	Q9Y5Z0; Q5DIH8; Q8N2D4; Q9H2V8; Q9NZL1; Q9NZL2; Q9UJT6; A8K7P1
Molecular Weight	46,476 Da
NCBI Official Full Name	beta-secretase 2 isoform A 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://www.aaabiotech.com/polyclonal/bace2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233138>