

Rabbit BACE1 Polyclonal Antibody | anti-BACE1 antibody

BACE1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313887	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

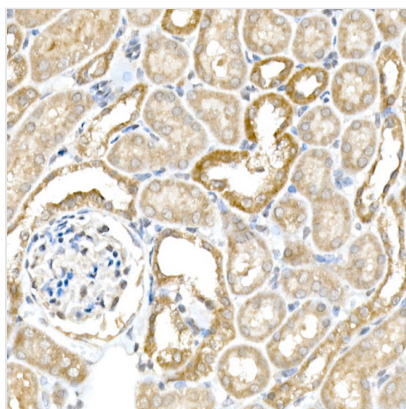
PRODUCT SYNONYMS

BACE1; Polyclonal Antibody; BACE1 Rabbit Polyclonal Antibody; ASP2; BACE; HSPC104; anti-BACE1 antibody

PRODUCT SPECIFICATIONS

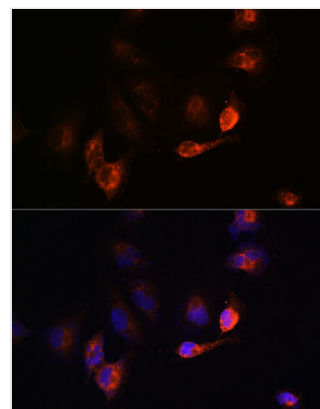
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-BACE1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human BACE1 (NP_036236.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



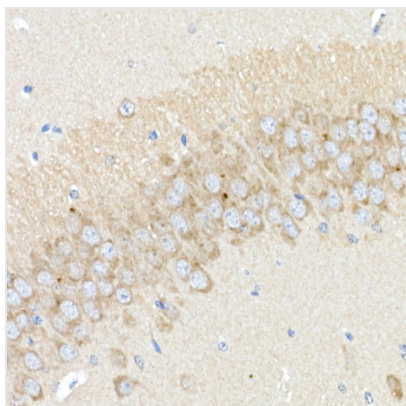
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using BACE1 Rabbit pAb.



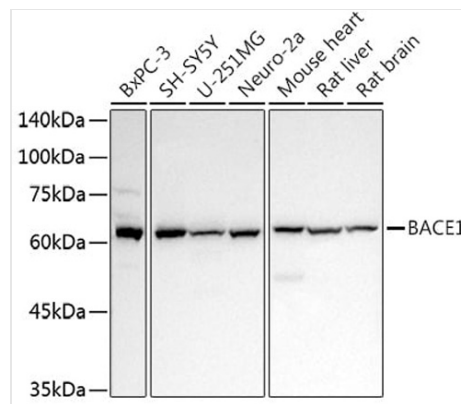
IF (Immunofluorescence)

Immunofluorescence analysis of U-251MG cells using BACE1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse hippocampus using BACE1 Rabbit pAb.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using BACE1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BACE1 antibody	This gene encodes a member of the peptidase A1 family of aspartic proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protease. This transmembrane protease catalyzes the first step in the formation of amyloid beta peptide from amyloid precursor protein. Amyloid beta peptides are the main constituent of amyloid beta plaques, which accumulate in the brains of human Alzheimer's disease patients.
Product Categories/Family for anti-BACE1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	333440466
NCBI GeneID	23621
NCBI Accession #	NP_001193977.1
NCBI GenBank Nucleotide #	NM_001207048.1
UniProt Accession #	P56817 ; Q9BYB9 ; Q9BYC0 ; Q9BYC1 ; Q9UJT5 ; Q9ULS1 ; A0M8W7 ; B0YIU9 ; E9PE65 ; H7BXJ9
Molecular Weight	55,711 Da
NCBI Official Full Name	beta-secretase 1 isoform E
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
UniProt Protein Name	Beta-secretase 1
UniProt Gene Name	BACE1
UniProt Synonym Gene Names	BACE; KIAA1149; ASP2; Asp 2
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.

