



Anti-BACE2 (aa 44-59) polyclonal antibody (CPBT-66779RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognises an epitope within the N-terminal region of BACE2, a homologue of the beta-site APP cleaving enzyme (BACE). BACE2 has been reported to cleave the beta-amyloid precursor protein (APP) at the beta-site, producing amyloid-beta protein (ABeta). Accumulation of ABeta plaques in the cerebral cortex play an important role in the pathogenesis of Alzheimers disease, particularly in individuals bearing the Flemish mutation.
Specificity	BACE2
Immunogen	Synthetic peptide corresponding to amino acids 44-59 of human BACE2..
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.02% Sodium Azide
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	BACE2 beta-site APP-cleaving enzyme 2 [Homo sapiens (human)]
Official Symbol	BACE2
Synonyms	BACE2; beta-site APP-cleaving enzyme 2; ASP1; BAE2; DRAP; AEPLC; ALP56; ASP21; CDA13; CEAP1; beta-secretase 2; memapsin-1; theta-secretase; aspartyl protease 1; 56 kDa aspartic-like protease; Down syndrome region aspartic protease; transmembrane aspartic
Entrez Gene ID	25825
Protein Refseq	NP_036237
UniProt ID	Q9Y5Z0
Chromosome Location	21q22.3
Pathway	Alzheimers disease;
Function	aspartic-type endopeptidase activity;