



Anti-BACE2 (aa 306-395) polyclonal antibody (DPAB-DC1244)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an integral membrane glycoprotein that functions as an aspartic protease. The encoded protein cleaves amyloid precursor protein into amyloid beta peptide, which is a critical step in the etiology of Alzheimers disease and Down syndrome. The protein precursor is further processed into an active mature peptide. Alternative splicing results in multiple transcript variants.
Immunogen	BACE2 (NP_036237, 306 a.a. ~ 395 a.a) partial recombinant protein with GST tag. The sequence is TTLLRLPQKVFDAVVEAVARASLIPEFSDGFWTGSQQLACWTNSETPWSYFPKISILRDE NSSRSFRITILPQLYIQPMMGAGLNYECYR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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 proteinase Asp1; membrane-associated aspartic protease 1; beta-site amyloid beta A4 precursor protein-cleaving enzyme 2;
Entrez Gene ID	25825
Protein Refseq	NP_036237
UniProt ID	Q9Y5Z0
Chromosome Location	21q22.3
Pathway	Alzheimers disease;
Function	aspartic-type endopeptidase activity;