

DNAXPab

Hard-to-Find
Antibody

BACE2 DNAXPab

Catalog # H00025825-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human BACE2 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MGALARALLPLLAQWLLRAAPELAPAPFTLPLRVAAATNRVVAPTPGPGTPAERHADGLALALE PALASPAGAAANFLAMVDNLQGDSEGRGYLEMLIGTPPQKLQILVDTGSSNFAVAGTPHSYIDTYFD TERSSTYRSKGFDTVTKYTQGSWTGFVGEDLVTPKGFNTSFLVNIATIFESENFFLPGIKWNGILGL AYATLAKPSSSLETFFDSLVTQANIPNVFSMQMCGAGLPVAGSGTNGGSLVLGGIEPSLYKGDW YTPIKEEWYYQIEILKLEIGGQSLNLDCREYNADKAMVDSGTTLLRLPQKVFDVVEAVARASLIPEF SDGFWTGSQACWTNSETPWSYFPKISMLRDENSSRSFRITLPQLYQPMMGAGLNYECYRFGIS PSTNALVIGATVMEGFVIFDRAQKRVGFAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSLSE PILWVSYALMSVCGAILLVLMVLLLLPFRCQRRPRDPEVVNDESSLVRHRWK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — BACE2

Entrez GeneID [25825](#)

GeneBank Accession# [NM_012105.3](#)

Protein Accession# [NP_036237.2](#)

Gene Name BACE2

Gene Alias AEPLC, ALP56, ASP1, ASP21, BAE2, CDA13, CEAP1, DRAP

Gene Description beta-site APP-cleaving enzyme 2

Omim ID [605668](#)

Gene Ontology [Hyperlink](#)

Gene Summary Cerebral deposition of amyloid beta peptide is an early and critical feature of Alzheimer's disease and a frequent complication of Down syndrome. Amyloid beta peptide is generated by proteolytic cleavage of amyloid precursor protein by 2 proteases, one of which is the protein encoded by this gene. This gene localizes to the 'Down critical region' of chromosome 21. The encoded protein, a member of the peptidase A1 protein family, is a type I integral membrane glycoprotein and aspartic protease. Three transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations 56 kDa aspartic-like protease|Down syndrome region aspartic protease|aspartyl protease 1|beta secretase 2|beta-site amyloid beta A4 precursor protein-cleaving enzyme 2|memapsin-1|membrane-associated aspartic protease 1|transmembrane aspartic proteinase As

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)