

Homo sapiens anti-Human Gantenerumab Monoclonal Antibody | anti-APP antibody

Research Grade Gantenerumab

CATALOG # AAA120004	HOST Homo sapiens	REACTIVITY Human
-------------------------------	-----------------------------	----------------------------

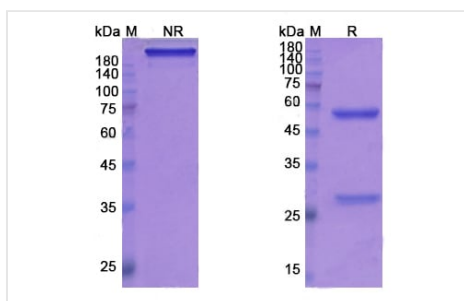
PRODUCT SYNONYMS

Gantenerumab; Monoclonal Antibody; Research Grade Gantenerumab; R1450; AICD-57; A4; Beta-CTF; Protease nexin-II; Gamma-CTF(50); ABPP; S-APP-beta; APP; Abeta40; Abeta42; AID(59); Amyloid intracellular domain 59; AID(57); S-APP-alpha; Gamma-CTF(59); Beta-secretase C-terminal fragment; Amyloid-beta precursor protein; Amyloid precursor protein; Beta-APP42; PreA4; Alzheimer disease amyloid protein; APPI; PN-II; AICD-59; Alpha-secretase C-terminal fragment; Amyloid-beta A4 protein; Amyloid intracellular domain 57; CVAP; Amyloid intracellular domain 50; Beta-APP40; AD1; Cerebral vascular amyloid peptide; AID(50); Alpha-CTF; Gamma-CTF(57); AICD-50; anti-APP antibody

PRODUCT SPECIFICATIONS

Host	Homo sapiens
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-kappa
Purity/Purification	>95% by SDS-PAGE; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. 0.01M PBS, pH7.4
Concentration	1.79 mg/ml (varies by lot)
Expression System	XtenCHO
CAS	1043556-46-2
Preparation and Storage	Store at +4°C for short term (1-2 weeks). Store at -20°C for 12 months. Store at -80°C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

SDS PAGE for Gantenerumab

ADDITIONAL INFORMATION

Product Categories/Family for anti-APP antibody

[Research Biosimilar](#)

References	A phase III randomized trial of gantenerumab in prodromal Alzheimer's disease, PMID: 29221491 Gantenerumab reduces amyloid-beta; plaques in patients with prodromal to moderate Alzheimer's disease: a PET substudy interim analysis, PMID: 31831056 Gantenerumab: a novel human anti-Aβ antibody demonstrates sustained cerebral amyloid-beta; binding and elicits cell-mediated removal of human amyloid-β, PMID: 21955818 Gantenerumab for the treatment of Alzheimer's disease, PMID: 22583155 Profile of gantenerumab and its potential in the treatment of Alzheimer's disease, PMID: 24255592
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502167
NCBI GeneID	351
NCBI Accession #	NP_000475.1
NCBI GenBank Nucleotide #	NM_000484.3
UniProt Accession #	P05067; P09000; P78438; Q13764; Q13778; Q13793; Q16011; B2R5V1; B4DII8; D3DSD1; D3DSD2; D3DSD3
NCBI Official Full Name	amyloid beta A4 protein isoform a
NCBI Official Synonym Full Names	amyloid beta (A4) precursor protein
NCBI Official Symbol	APP
NCBI Official Synonym Symbols	AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; CTFgamma
NCBI Protein Information	amyloid beta A4 protein; preA4; protease nexin-II; peptidase nexin-II; beta-amyloid peptide; alzheimer disease amyloid protein; cerebral vascular amyloid peptide
UniProt Protein Name	Amyloid beta A4 protein
UniProt Gene Name	APP
UniProt Synonym Gene Names	A4; AD1; APP; CVAP; PN-II; S-APP-alpha; S-APP-beta; AICD-59; AID(59); AICD-57; AID(57); AICD-50; AID(50)
UniProt Entry Name	A4_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.