

Goat anti-Amyloid beta peptide (mouse) Antibody

Item Number	dAP-2543
Target Molecule	Principle Name: Amyloid beta peptide (mouse); Official Symbol: App; All Names and Symbols: App; amyloid beta (A4) precursor protein; Abeta; Abpp; Adap; Ag; Cvap; E030013M08Rik; betaApp; alzheimer disease amyloid A4 protein homolog; amyloid beta A4 protein; amyloidogenic glycoprotein; appican; protease nexin II; Accession Number (s): NP_001185752.1; NP_031497.2; NP_001185753.1; NP_001185754.1; NP_001185755.1; Human Gene ID(s): ; Non-Human GeneID(s): 11820 (mouse) 54226 (rat)
Immunogen	DAEFGHDSGFEVRHQK, is from N Terminus This antibody is expected to recognize all reported isoforms of mAPP (NP_001185752.1; NP_031497.2; NP_001185753.1; NP_001185754.1; NP_001185755.1) and to recognize all lengths of the putative mouse
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 100kDa band observed in Mouse and Rat Brain lysates (calculated MW of 86.7kDa according to NP_001185752.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Crews L, Adame A, Patrick C, Delaney A, Pham E, Rockenstein E, Hansen L, Masliah E, Increased BMP6 levels in the brains of Alzheimer's disease patients and APP transgenic mice are accompanied by impaired neurogenesis. The Journal of neuroscience : the official journal of the Society for Neu-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**