

## Goat anti-Amyloid beta peptide (aa1-16) Antibody

<b>Item Number</b>	dAP-2604
<b>Target Molecule</b>	Principle Name: Amyloid beta peptide (aa1-16); Official Symbol: APP; All Names and Symbols: APP; amyloid beta (A4) precursor protein; AAA; ABETA; ABPP; AD1; APP1; CTFgamma; CVAP; PN2; OT-THUMP00000096096; PN-II; alzheimer disease amyloid protein; amyloid beta A4 protein; beta-amyloid peptide; cerebral vascular amyloid peptide; peptidase nexin-II; Accession Number (s): NP_000475.1; NP_958816.1; NP_958817.1; NP_001129601.1; NP_001129602.1; Human Gene ID(s): 351; Non-Human
<b>Immunogen</b>	DAEFRHDSGYEVHHQK, is from N Terminus This antibody is expected to recognize all reported isoforms of APP (NP_000475.1; NP_958816.1; NP_958817.1; NP_001129601.1; NP_001129602.1) and to recognize all lengths of the Amyloid beta pep-
<b>Applications</b>	Pept ELISA, WB  Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: Approx 75kDa band observed in Human Brain (Cerebral and Frontal cortex) lysates and in Mouse adult and fetal Brain lysates (calculated MW of 78.7kDa according to NP_958817.1 and 72.6 according to NP_001129601.1). Recommended concentration:
<b>IHC</b>	
<b>Reference</b>	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**