

Datasheet for ABIN6391362
anti-APP antibody (AA 1-16)



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1 Image

Overview

Quantity:	100 µg
Target:	APP
Binding Specificity:	AA 1-16
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This APP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Amyloid beta peptide (aa1-16)
Sequence:	DAEFRHDSGY EVHHQK
Isotype:	IgG
Specificity:	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 peptide.
Cross-Reactivity:	Cow, Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

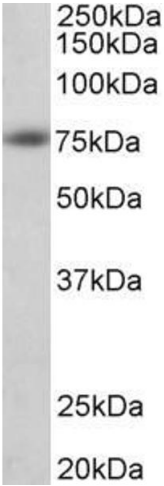
Target:	APP
Alternative Name:	APP (APP Products)
Background:	APP, amyloid beta (A4) precursor protein, AAA, ABETA, ABPP, AD1, APPI, CTFgamma, CVAP, PN2, OTTHUMP00000096096, PN-II, alzheimer disease amyloid protein, amyloid beta A4 protein, beta-amyloid peptide, cerebral vascular amyloid peptide, peptidase nexin-II,
Gene ID:	351
NCBI Accession:	NP_000475 , NP_958816 , NP_958817 , NP_001129601 , NP_001129602
Pathways:	Caspase Cascade in Apoptosis , EGFR Signaling Pathway , Transition Metal Ion Homeostasis , Skeletal Muscle Fiber Development , Toll-Like Receptors Cascades , Feeding Behaviour

Application Details

Application Notes:	Western Blot: Approx 75 kDa band observed in Human Brain (Cerebral and Frontal cortex) lysates (calculated MW of 78.7 kDa according to NP_958817.1 and 72.6 according to NP_001129601.1). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN6391362 (1µg/ml) staining of Human Cerebral Cortex lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.