

Goat anti-ACHE Antibody

Item Number	dAP-0629
Target Molecule	Principle Name: ACHE; Official Symbol: ACHE; All Names and Symbols: ACHE; YT; acetylcholinesterase (YT blood group); ARACHE; N-ACHE; OTTHUMP00000211347; OTTHUMP00000211349; OTTHUMP00000211356; acetylcholinesterase; apoptosis-related acetylcholinesterase; Accession Number (s): NP_000656.1; NP_001269378.1; Human Gene ID(s): 43; Non-Human GeneID(s):
Immunogen	QFDHYSKQDRCSL, is from C Terminus This antibody is expected to recognise isoform NP_000656 only (the ubiquitously expressed, hydrophilic form).
Applications	Pep ELISA, WB, IF, FC Species Tested: Human, 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 128000.
Western Blot	Western Blot: Approx 65-70kDa band observed in lysates of cell lines Daudi, HeLa and Jurkat, and approx. 70kDa in Rat Brain lysates (calculated MW of 67.8kDa according to Human NP_000656.1 and 68.2kDa according to Rat NP_742006.1). Recommended concentra
IHC	
Reference	Reference(s): Cottingham MG, Voskuil JL, Vaux DJ. The intact human acetylcholinesterase C-terminal oligomerization domain is alpha-helical in situ and in isolation, but a shorter fragment forms beta-sheet-rich amyloid fibrils and protofibrillar oligomers. Biochemistry. 2003 Sep 16;42(36):10863-73. .PMID: 12962511 -

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**