

Goat anti-CHRFAM7A / CHRNA7-FAM7A Antibody

Item Number	dAP-1753
Target Molecule	Principle Name: CHRFAM7A / CHRNA7-FAM7A; Official Symbol: CHRFAM7A ; All Names and Symbols: CHRFAM7A ; CHRNA7-FAM7A; CHRNA7 (cholinergic receptor, nicotinic, alpha 7, exons 5-10) and FAM7A (family with sequence similarity 7A, exons A-E) fusion; CHRNA7-DR1; D-10; MGC120482; MGC120483; CHRNA7 (cholinergic receptor, nicotinic, alpha polypeptide 7, ; Accession Number (s): NP_647536.1; Human Gene ID(s): 89832; Non-Human GeneID(s):
Immunogen	QKYCIYQHFQFQ, is from N Terminus This antibody is expected to recognize reported isoform NP_647536.1 only.
Applications	Pep ELISA Species Tested:
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 1000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Amygdala, Hippocampus, Cerebellum) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any res
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Reference	Reference(s): Martin LF, Leonard S, Hall MH, Tregellas JR, Freedman R, Olincy A. Sensory gating and alpha-7 nicotinic receptor gene allelic variants in schizoaffective disorder, bipolar type. Am J Med Genet B Neuropsychiatr Genet. 2007 Jul 5;144(5):611-4..PMID: 17192894 ->

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**