

## Goat anti-CHRFAM7A / CHRNA7-FAM7A Antibody

<b>Item Number</b>	dAP-1753
<b>Target Molecule</b>	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):
<b>Immunogen</b>	QKYCIYQHFQFQ, is from N Terminus This antibody is expected to recognize reported isoform NP_647536.1 only.
<b>Applications</b>	Pep ELISA  Species Tested:
<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 1000.
<b>Western Blot</b>	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
<b>IHC</b>	
<b>Reference</b>	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 end users! This product is sold for **Research Use Only**