

Goat anti-ADRA2A Antibody

Item Number	dAP-0792
Target Molecule	Principle Name: ADRA2A; Official Symbol: ADRA2A; All Names and Symbols: ADRA2A; adrenergic, alpha-2A-, receptor ; ADRA2; ADRA2R; ADRAR; ALPHA2AAR; ZNF32 ; OTTHUMP00000058849; alpha-2A-adrenergic receptor; alpha-2AAR subtype C10; Accession Number (s): NP_000672.2; Human Gene ID(s): 150; Non-Human GeneID(s):
Immunogen	TERRPNGLGPERs, is from internal region
Applications	Pep ELISA, ICC/IF Species Tested: Mouse
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 32000.
Western Blot	Western Blot: Preliminary experiments gave a band at approx 37kDa and a minor band at approx 23kDa in Human Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe
IHC	
Reference	Reference(s): Park L, Nigg JT, Waldman ID, Nummy KA, Huang-Pollock C, Rappley M, Friderici KH. Association and linkage of alpha-2A adrenergic receptor gene polymorphisms with childhood ADHD. Mol Psychiatry. 2005 Jun;10(6):572-80. .PMID: 15520832 ->

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**