



Goat anti-Adenosine A2a Receptor Antibody

Item Number	dAP-0786
Target Molecule	Principle Name: Adenosine A2a Receptor; Official Symbol: ADORA2A; All Names and Symbols: ADORA2A; adenosine A2a receptor ; HGNC:263; ADORA2; RDC8; hA2aR ; adenosine A2 receptor; adenosine receptor subtype A2a; Accession Number (s): NP_000666.2; Human Gene ID(s): 135; Non-Human GeneID(s):
Immunogen	HELKGVCPPEPGLDD, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Rhesus
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 8000.
Western Blot	Western Blot: This antibody has been successfully used on lysates of primary Rhesus microglia in Van der Putten et al, PMID: 19494284.
IHC	
Reference	Reference(s): Retey JV, Adam M, Honegger E, Khatami R, Luhmann UF, Jung HH, Berger W, Landolt HP. A functional genetic variation of adenosine deaminase affects the duration and intensity of deep sleep in humans. Proc Natl Acad Sci U S A. 2005 Oct 25;102(43):15676-81. Epub 2005 Oct 12. .PMID: 16221767 -

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**