ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Adenosine A1 receptor Antibody

Item Number	dAP-1223
Target Molecule	Principle Name: Adenosine A1 receptor; Official Symbol: ADORA1 ; All Names and Symbols: ADORA1; adenosine A1 receptor; RDC7; Accession Number (s): NP_000665.1; NP_001041695.1; Human Gene ID (s): 134; Non-Human GeneID(s): 11539 (mouse) 29290 (rat)
Immunogen	NDHFRCQPAPPIDED, is from C Terminus Both reported isoforms represent identical protein (NP_000665.1; NP_001041695.1)
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; Reconsititute 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 64000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 30kDa and 20kDa in Human Brain (Cerebellum) lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the
IHC	
Reference	Reference(s): Funakoshi H, Chan TO, Good JC, Libonati JR, Piuhola J, Chen X, MacDonnell SM, Lee LL, Herrmann DE, Zhang J, Martini J, Palmer TM, Sanbe A, Robbins J, Houser SR, Koch WJ, Feldman AM. Regulated overexpression of the A1-adenosine receptor in mice results in adverse but reversible changes

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

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