

Goat anti-AADAT Antibody

Item Number	dAP-1563
Target Molecule	Principle Name: AADAT; Official Symbol: AADAT; All Names and Symbols: AADAT; amino adipate aminotransferase ; KAT2; KATII; L kynurenine/alpha amino adipate aminotransferase; L-kynurenine/alpha-amino adipate aminotransferase; alpha-amino adipate aminotransferase; kynurenine aminotransferase II; Accession Number (s): NP_057312.1; NP_872603.1; Human Gene ID(s): 51166; Non-Human GenID(s):
Immunogen	KPEDAKNPQKNTPK, is from internal region Both reported variants represent identical protein (NP_057312.1 and NP_872603.1).
Applications	Pep ELISA, WB Species Tested: Human
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: Approx 45kDa band observed in Human Liver lysates (calculated MW of 47.4kDa according to NP_057312.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Goh DL, Patel A, Thomas GH, Salomons GS, Schor DS, Jakobs C, Geraghty MT. Characterization of the human gene encoding alpha-amino adipate aminotransferase (AADAT). Mol Genet Metab. 2002 Jul;76(3):172-80.. PMID: 12126930 ->

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**