



Goat anti-ALDOA Antibody

Item Number	dAP-3074
Target Molecule	Principle Name: ALDOA; Official Symbol: ALDOA; All Names and Symbols: ALDOA; aldolase A, fructose-bisphosphate; ALDA; GSD12; fructose-1,6-bisphosphate triosephosphate-lyase; fructose-bisphosphate aldolase A; lung cancer antigen NY-LU-1; muscle-type aldolase; Accession Number (s): NP_000025.1; NP_001230106.1; Human Gene ID(s): 226; Non-Human GeneID(s): 11674 (mouse) 24189 (rat)
Immunogen	NSLACQGKYTPSGQ, is from internal region (near N terminus) This antibody is expected to recognize both reported isoforms (P_000025.1; NP_001230106.1). Reported variants represent identical protein: NP_908930.1, NP_908932.1, NP_001121089.1, NP_000025.1.
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 38kDa band observed in Human, Mouse and Rat Skeletal Muscle lysates (calculated MW of 39.4kDa according to NP_000025.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Esposito G, Vitagliano L, Costanzo P, Borrelli L, Barone R, Pavone L, Izzo P, Zagari A, Salvatore F. Human aldolase A natural mutants: relationship between flexibility of the C-terminal region and enzyme function. The Biochemical journal 2004 May 380 (Pt 1): 51-6..PMID: 14766013->

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**