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Research Use Only. Not for diagnostic or therapeutic use.

EB12391 - Goat Anti-ALDOA Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: ALDOA

Accession Number(s): NP_000025.1; NP_001230106.1

Human GeneID(s): 226

Non-Human GenelD(s): 11674 (mouse), 24189 (rat)

Important Comments: 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.

Immunogen

Peptide with sequence NSLACQGKYTPSGQ, from the internal region (near N terminus) of the protein sequence according to NP_000025.1; NP_001230106.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 38kDa band observed in Human, Mouse and Rat Skeletal Muscle

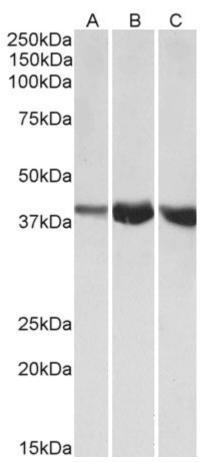
lysates (calculated MW of 39.4kDa according to NP_000025.1). Recommended

concentration: 1-3µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB12391 (1μg/ml) staining of Human (A), Mouse (B) and Rat (C) Skeletal Muscle lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.