

## Goat anti-LDHA Antibody

Item Number	dAP-3076
Target Molecule	Principle Name: LDHA; Official Symbol: LDHA; All Names and Symbols: LDHA; lactate dehydrogenase A; GSD11; LDH1; LDHM; L-lactate dehydrogenase A chain; LDH muscle subunit; LDH-A; LDH-M; cell proliferation-inducing gene 19 protein; lactate dehydrogenase M; proliferation-inducing gene 19; renal carcinoma antigen NY-REN-59; Accession Number (s): NP_005557.1; NP_001128711.1; NP_00115886.1; Human Gene ID(s): 3939; Non-Human GenelD(s):
Immunogen	SDLVKVTLTSE, is from C Terminus This antibody is expected to recognize isoform 1, 2 and 3 (NP_005557.1; NP_001128711.1; NP_00115886.1).
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 64000.
Western Blot	Western Blot: Approx 35kDa band observed in Human Heart, Skeletal Muscle and Kidney lysates (calculated MW of 36.7kDa according to NP_005557.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Zhang Y, Zhang X, Wang X, Gan L, Yu G, Chen Y, Liu K, Li P, Pan J, Wang J, Qin S. Inhibition of LDH-A by lentivirus-mediated small interfering RNA suppresses intestinal-type gastric cancer tumorigenicity through the downregulation of Oct4. <i>Cancer letters</i> 2012 Aug 321 (1): 45-54.. PMID: 22429998->

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**