



Goat anti-LDHC (aa 217 - 231) Antibody

Item Number	dAP-1175
Target Molecule	Principle Name: LDHC (aa 217 - 231); Official Symbol: LDHC; All Names and Symbols: LDHC; MGC111073; lactate dehydrogenase C; LDH3; LDHX; Accession Number (s): NP_002292.1; NP_059144.1; Human Gene ID(s): 3948; Non-Human GeneID(s): 16833 (mouse)
Immunogen	KLGTDSKKEHWKNIH, is from Internal region Both variants represent identical product (NP_002292.1 and NP_059144.1).
Applications	Pep ELISA, IHC, WB Species Tested: Mouse
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 16000.
Western Blot	Western Blot: Approx 30-35kDa band observed in Mouse Testis lysates (calculated MW of 36.6kDa according to human NP_002292.1 and 35.9kDa according to mouse NP_038608.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	Immunohistochemistry: Strong signal in seminiferous tubules of Mouse Testis.
Reference	Reference(s): Mazzotta S, Guerranti R, Gozzetti A, Bucalossi A, Bocchia M, Sammassimo S, Petralia S, Ogueli GI, Lauria F. Increased serum lactate dehydrogenase isoenzymes in Ph-negative chronic myeloproliferative diseases: a metabolic adaptation? Hematology. 2006 Aug;11(4):239-44..PMID:

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**