

Goat anti-MDH2 (aa221-232) Antibody

Item Number	dAP-3450
Target Molecule	Principle Name: MDH2 (aa221-232); Official Symbol: MDH2; All Names and Symbols: MDH2; malate dehydrogenase 2, NAD (mitochondrial); M-MDH; MDH; MGC:3559; MOR1; malate dehydrogenase, mitochondrial; Accession Number (s): NP_005909.2; Human Gene ID(s): 4191; Non-Human GeneID(s):
Immunogen	DQLTALTGRIQE, is from internal region
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 16000.
Western Blot	Western Blot: Approx 36-37kDa band observed in lysates of cell lines HeLa, HepG2 and K562, and approx 35kDa band observed in Human Heart and Liver lysates (calculated MW of 35.5kDa according to NP_005909.2). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Morgunov I, Srere PA. Interaction between citrate synthase and malate dehydrogenase. Substrate channeling of oxaloacetate. The Journal of biological chemistry 1998 Nov 273 (45): 29540-4..PMID: 9792662->

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**