

Goat anti-MDH2 Antibody

Item Number	dAP-3442
Target Molecule	Principle Name: MDH2; 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): 17448 (mouse) 81829 (rat)
Immunogen	TRDDLFNTNAT, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
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 8000.
Western Blot	Western Blot: Approx 35kDa band observed in lysates of cell lines HeLa, HepG2 and NIH3T3 (calculated MW of 35.5kDa according to Human NP_005909.2 and 35.6kDa according to Mouse NP_032643.2). Recommended concentration: 0.1-0.3µg/ml. Approx 35kDa band obs
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 end users! This product is sold for **Research Use Only**