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Research Use Only. Not for diagnostic or therapeutic use.

EB13028 - Goat Anti-MDH2 (aa221-232) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MDH2, malate dehydrogenase 2, NAD (mitochondrial), M-MDH, MDH,

MGC:3559, MOR1, malate dehydrogenase, mitochondrial

Official Symbol: MDH2

Accession Number(s): NP_005909.2

Human GeneID(s): 4191

Immunogen

Peptide with sequence C-DQLTALTGRIQE, from the internal region of the protein sequence according to NP_005909.2.

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 1:16000.

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:

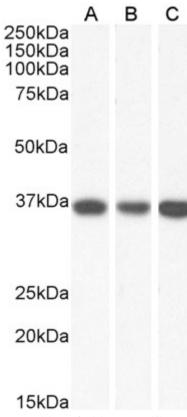
0.01-0.03µg/ml.

IHC: Paraffin embedded Human Prostate. Recommended concentration: 5µg/ml.

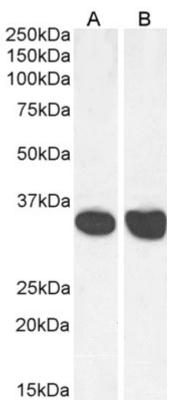
Species Reactivity

Tested: Human

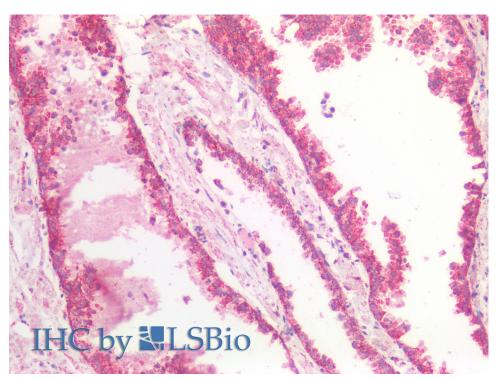
Expected from sequence similarity: Human



EB13028 (0.03µg/ml) staining of HeLa (A), HepG2 (B) and K562 (C) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB13028 (0.03μg/ml) staining of Human Heart (A) and Liver (B) lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB13028 ($5\mu g/ml$) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.