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EB11996 - Goat Anti-creatine kinase M-type Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CKM, creatine kinase, muscle, CKMM, M-CK, creatine kinase M chain,

creatine kinase M-type, creatine kinase-M

Official Symbol: CKM

Accession Number(s): NP_001815.2

Human GeneID(s): 1158

Immunogen

Peptide with sequence NTHNKFKLNYKPEE-C, from the N Terminus of the protein sequence according to NP_001815.2.

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 1:128000.

Western blot: Approx 45kDa band observed in Human and Mouse Skeletal Muscle and Heart lysates (calculated MW of 43.1kDa according to NP_001815.2). Recommended

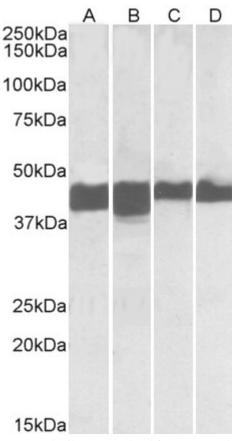
concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.

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

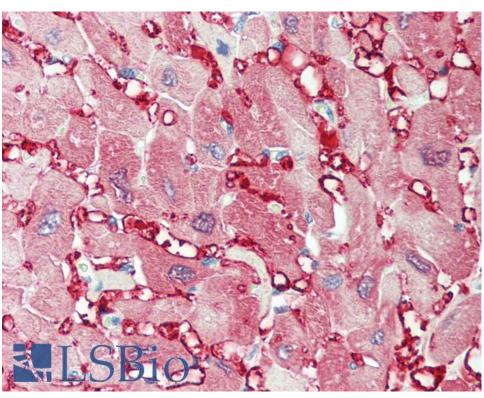
Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Dog



EB11996 (0.01µg/ml) staining of Human (A, C) and Mouse (B, D) Skeletal Muscle (A, B) and Heart (C, D) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB11996 (5μg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.