

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB12963 - Goat Anti-Ketohexokinase Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KHK, ketohexokinase (fructokinase), hepatic fructokinase,

ketohexokinase

Official Symbol: KHK

Accession Number(s): NP_000212.1; NP_006479.1

Human GeneID(s): 3795

Non-Human GenelD(s): 16548 (mouse), 25659 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_000212.1; NP_006479.1).

Immunogen

Peptide with sequence RCLSQRWQRGGNASN, from the internal region of the protein sequence according to NP_000212.1; NP_006479.1.

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 30kDa band observed in Human, Mouse, Rat and Pig Liver lysates (calculated MW of 32.7kDa according to Human NP_000212.1, Mouse NP_032465.2, Rat NP_114061.1 and of 32.6kDa according to Pig XP_003125348.1). Recommended

11 _ 17 100 1.1 and 01 02.000 a docording to 1 ig 70 _000 1200 10.1). Noted

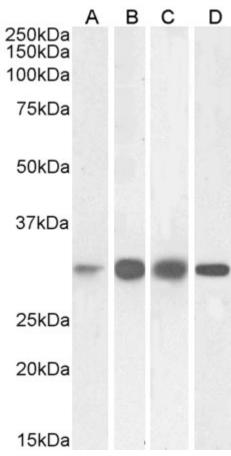
concentration: 0.01-0.03 $\mu\text{g/ml}.$ Primary incubation was 1 hour.

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

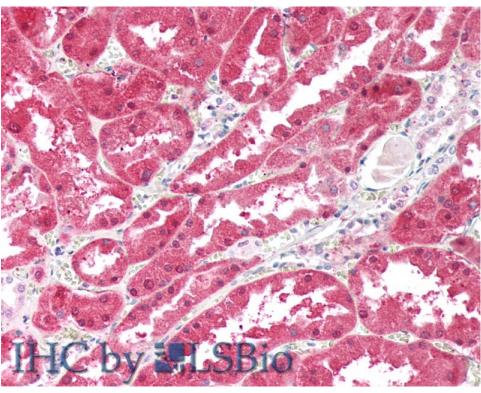
Species Reactivity

Tested: Human, Mouse, Rat, Pig

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB12963 (0.03μg/ml) staining of Human (A), Mouse (B), Rat (C) and Pig (D) Liver lysates (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB12963 (5μg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.