

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB09739 - Goat Anti-GPI / Neuroleukin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GPI, glucose phosphate isomerase, AMF, GNPI, NLK, PGI, SA-36, autocrine motility factor;, glucose-6-phosphate isomerase, hexose monophosphate isomerase, hexosephosphate isomerase;, neuroleukin, oxoisomerase;, phosphoglucose isomerase, phosphohexomutase, phosphohexose isomerase, phosphosaccharomutase, sperm antigen-36

Official Symbol: GPI

Accession Number(s): NP_000166.2

Human GeneID(s): 2821

Immunogen

Peptide with sequence C-YREHRSELNLRR, from the internal region (near N Terminus) of the protein sequence according to NP_000166.2.

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 60kDa band observed in Human Heart lysates (calculated MW of 63.1kDa according to NP_000166.2). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was hour.

IHC: Paraffin embedded Human Testis, Thyroid and Kidney. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa

50kDa

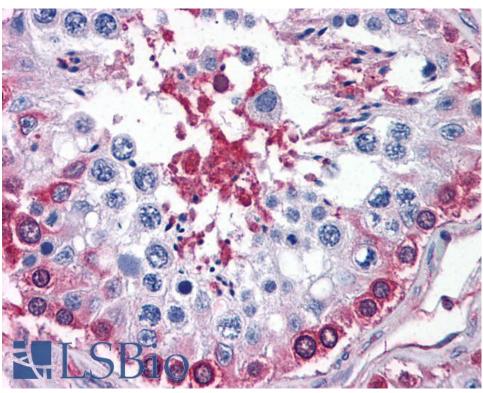
37kDa

25kDa

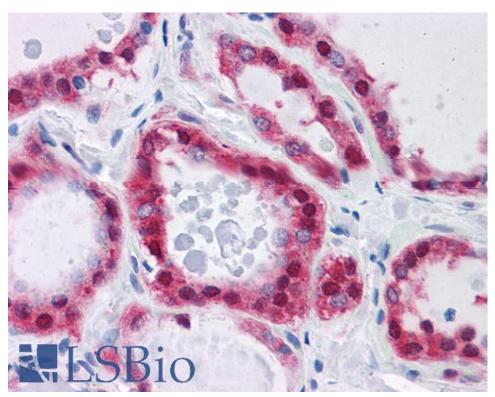
20kDa

15kDa

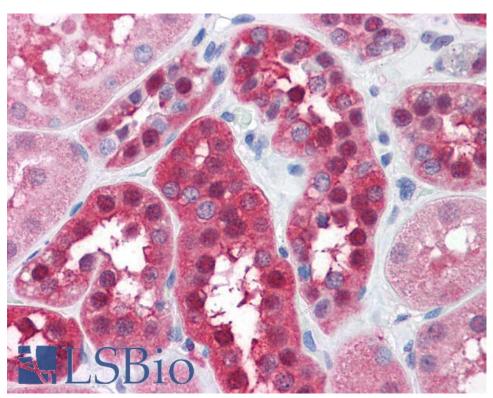
EB09739 (0.01 μ g/ml) staining of Human Heart lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB09739 (3.75 μ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB09739 (3.75 μ g/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB09739 (3.75 μ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.