

## UK 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-YREHRSELNLR, 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.

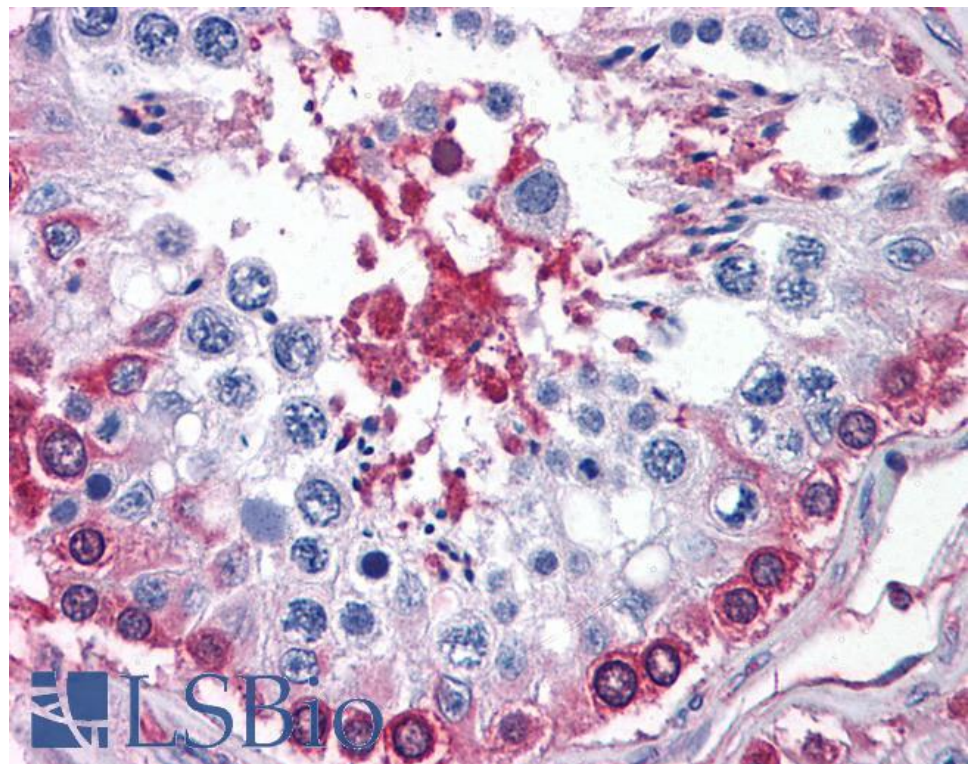
### Species Reactivity

**Tested:** Human

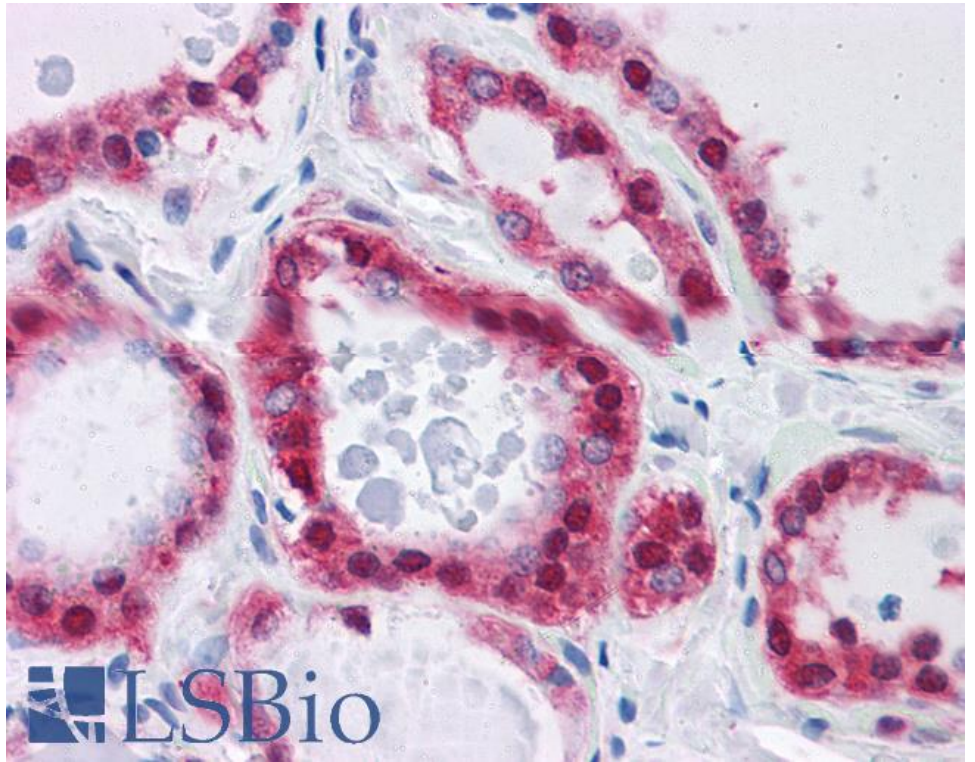
**Expected from sequence similarity:** Human



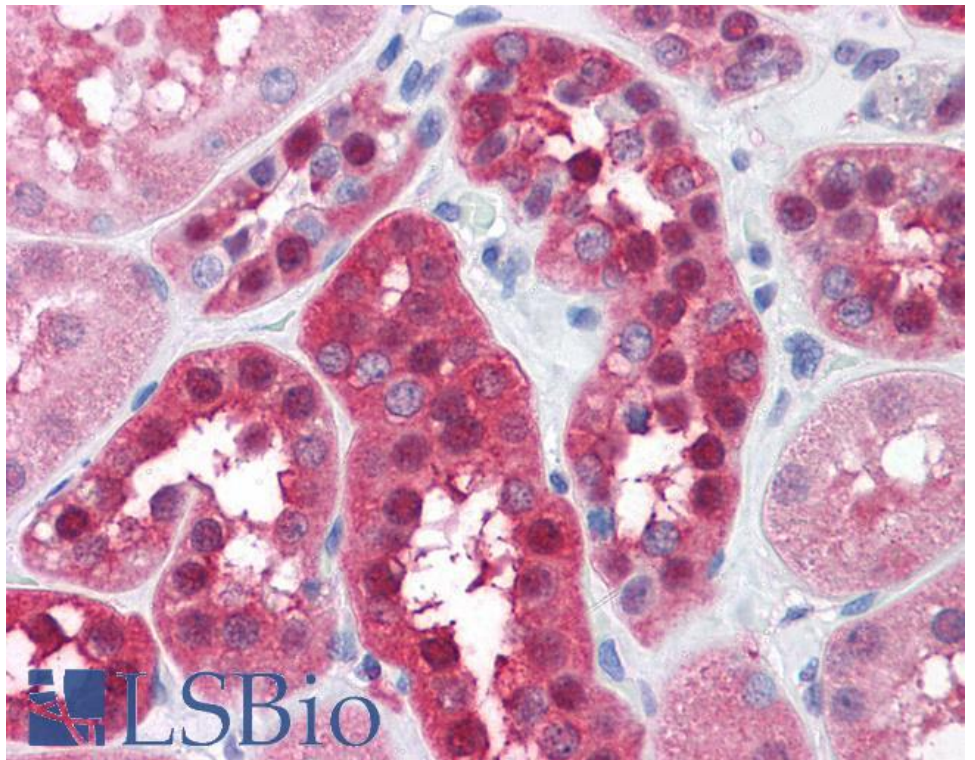
EB09739 (0.01 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



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



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



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