

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06437 - Goat Anti-Pirin Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** pirin, PIR, pirin (iron-binding nuclear protein)

**Official Symbol:** PIR

**Accession Number(s):** NP\_003653.1

**Human GeneID(s):** [8544](#)

**Important Comments:** Variants (NP\_003653.1; NP\_001018119.1) encode the same protein

### Immunogen

Peptide with sequence GSSKKVTLVLSREC, from the N Terminus of the protein sequence according to NP\_003653.1.

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.

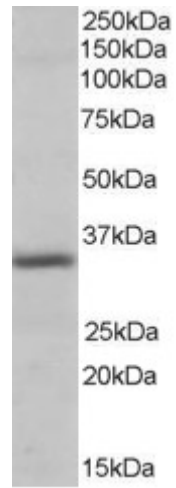
**Western blot:** Approx 33kDa band observed in Human Heart lysate (calculated MW of 32.1kDa according to NP\_003653.1). Recommended concentration: 0.3 - 1.0 µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Liver and Spleen. Recommended concentration: 5µg/ml.

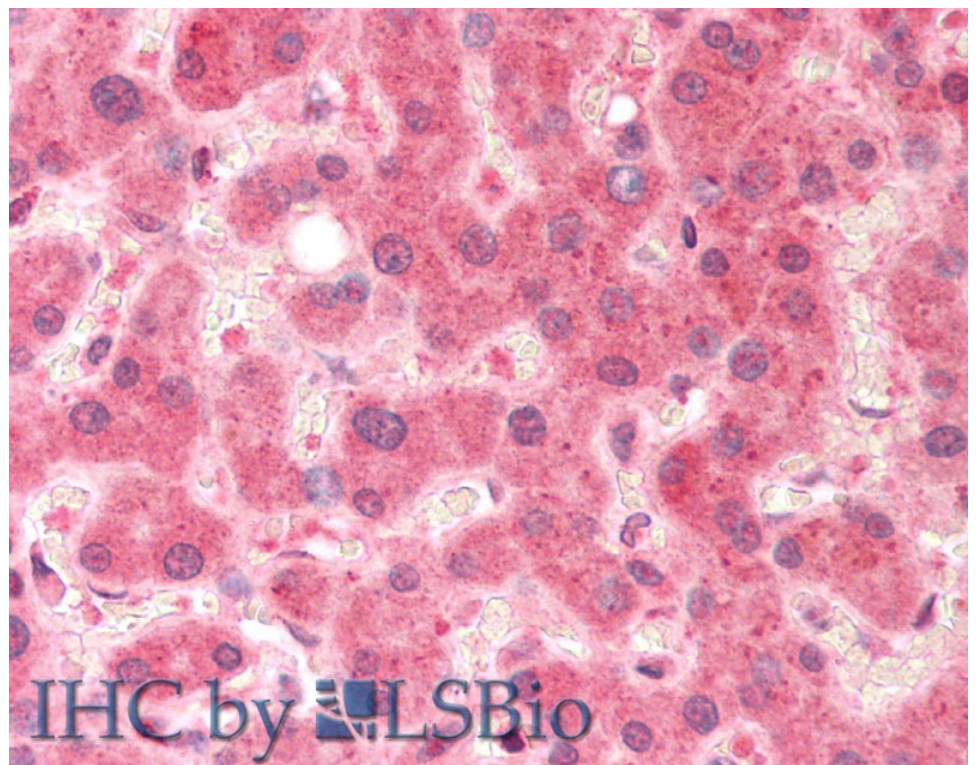
### Species Reactivity

**Tested:** Human

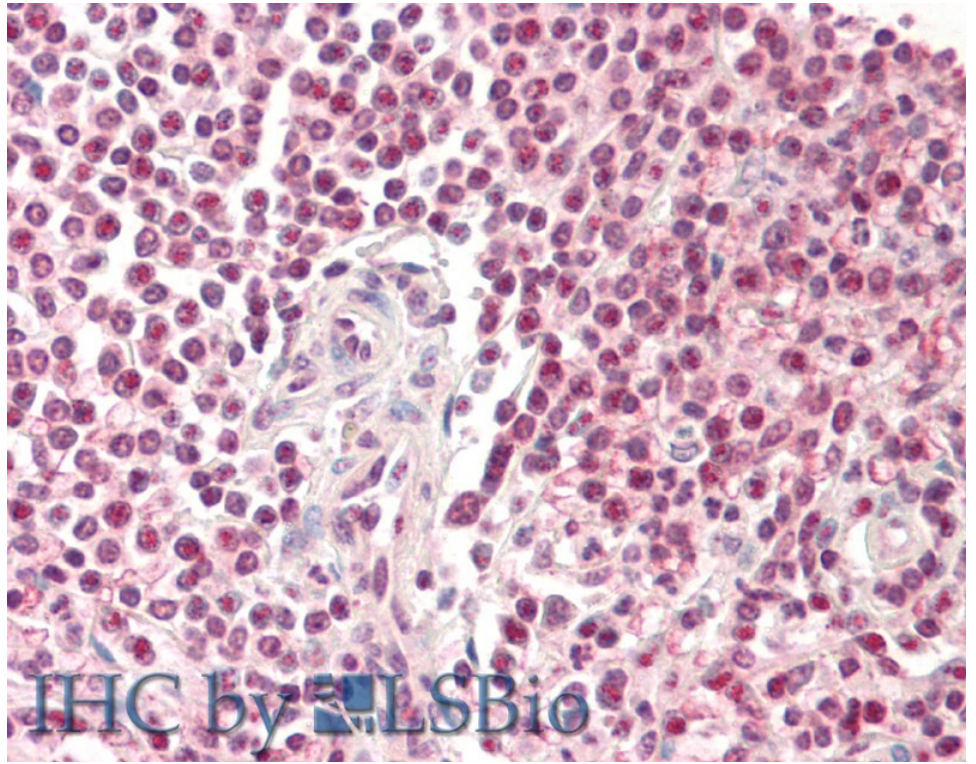
**Expected from sequence similarity:** Human, Mouse



EB06437 (0.3 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB06437 (5 $\mu$ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06437 (5 $\mu$ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.