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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06437 - Goat Anti-Pirin Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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

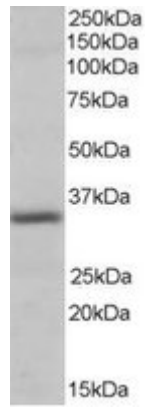
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 33kDa band observed in human Heart lysate (calculated MW of 32.1kDa according to NP\_003653.1). In transfected HEK293 transiently expressing PIR a band of approx. 35kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.3 - 1.0 µg/ml.

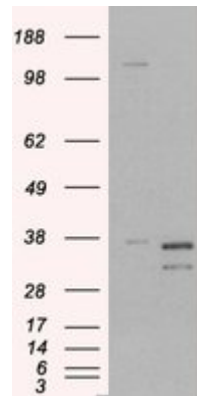
### Species Reactivity

**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). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing PIR (RC223111) and probed with EB06437 (mock transfection in first lane), tested by Origene.