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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). 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 (0.3µg/ml) staining of Human Heart lysate (35µg 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.