

## Goat anti-Pirin Antibody

**Item Number** dAP-0510

**Target Molecule** Principle Name: Pirin; Official Symbol: PIR; All Names and Symbols: PIR; pirin; pirin (iron-binding nuclear protein); Accession Number (s): NP\_003653.1; Human Gene ID(s): 8544; Non-Human GeneID(s):

**Immunogen** GSSKKVTLSVLSREC, is from N Terminus  
Variants (NP\_003653.1; NP\_001018119.1) encode the same protein

**Applications** Pep ELISA, WB  
Species Tested: Human

**Purification** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Supplied As** lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

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

**Western Blot** 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 HEK

**IHC**

**Reference** Reference(s): Wendler WM, Kremmer E, Forster R, Winnacker EL. Identification of pirin, a novel highly conserved nuclear protein. *J Biol Chem.* 1997 Mar 28;272(13):8482-9. PMID: 9079676 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**