

## Goat anti-RANBP8 / IPO8 Antibody

**Item Number** dAP-0243

**Target Molecule** Principle Name: RANBP8 / IPO8; Official Symbol: IPO8; All Names and Symbols: IPO8; importin 8; RANBP8; RAN-binding protein 8; FLJ26580; RAN binding protein 8; Accession Number (s): NP\_006381.2; NP\_001177924.1; Human Gene ID(s): 10526; Non-Human GenelD(s):

**Immunogen** SAFNFGTVPSNN, is from C Terminus  
 This antibody is expected to recognise isoform 1 (NP\_006381.2) and isoform 2 (NP\_001177924.1).

**Applications** Pep ELISA, IHC

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 32000.

**Western Blot** Western Blot: Preliminary experiments in lysates of cell line HeLa gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other

**IHC** Immunohistochemistry: In paraffin embedded Human Tonsil shows cytoplasm / perinuclear staining in the parenchyma. Recommended concentration, 4-6µg/ml.

**Reference** Reference(s): Gorlich D, Dabrowski M, Bischoff FR, Kutay U, Bork P, Hartmann E, Prehn S, Izaurralde E. A novel class of RanGTP binding proteins. *J Cell Biol.* 1997 Jul 14;138(1):65-80. PMID: 9214382->

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 ender users! This product is sold for **Research Use Only**