



## UK Office

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

## EB05535 - Goat Anti-RANBP8 / IPO8 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** IPO8, importin 8, RANBP8, RAN-binding protein 8, FLJ26580, RAN binding protein 8

**Official Symbol:** IPO8

**Accession Number(s):** NP\_006381.2; NP\_001177924.1

**Human GeneID(s):** [10526](#)

**Important Comments:** This antibody is expected to recognise isoform 1 (NP\_006381.2) and isoform 2 (NP\_001177924.1).

### Immunogen

Peptide with sequence C-SAFNFGTVPSNN, from the C Terminus of the protein sequence according to NP\_006381.2; NP\_001177924.1.

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 1:32000.

**Western blot:** Preliminary experiments in lysates of cell line HeLa gave no specific signal but low background (at antibody concentration up to 1µg/ml).

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

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Pig, Cow

EB05535 (4µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. Similar results were obtained after antigen retrieval at pH9.