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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.

## EB05535 - Goat Anti-RANBP8 / IPO8 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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.

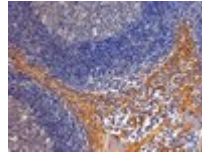
**Western blot:** Preliminary experiments in lysates of cell line HeLa gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

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

### Species Reactivity

**Tested:** Human

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



EB05535 (4 $\mu$ g/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.