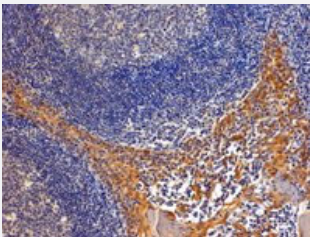


# IPO8 polyclonal antibody

Catalog # PAB6210

Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

IPO8 polyclonal antibody (Cat # PAB6210) (4 ug/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.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of IPO8.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human IPO8.
<b>Sequence</b>	C-SAFNFGTVPSNN
<b>Host</b>	Goat
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody is expected to recognise isoform 1 (NP_006381.2) and isoform 2 (NP_001177924.1).
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Recommend Usage</b>	ELISA (1:32000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-6 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

IPO8 polyclonal antibody (Cat # PAB6210) (4 ug/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.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — IPO8

**Entrez GeneID**[10526](#)**Protein Accession#**[NP\\_001177924.1](#)**Gene Name**

IPO8

**Gene Alias**

FLJ26580, RANBP8

**Gene Description**

importin 8

**Omim ID**[605600](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The importin-alpha/beta complex and the GTPase Ran mediate nuclear import of proteins with a classical nuclear localization signal. The protein encoded by this gene is a member of a class of approximately 20 potential Ran targets that share a sequence motif related to the Ran-binding site of importin-beta. This protein binds to the nuclear pore complex and, along with RanGTP and RANBP1, inhibits the GAP stimulation of the Ran GTPase. [provided by RefSeq]

**Other Designations**

RAN binding protein 8

## Publication Reference

- [A novel class of RanGTP binding proteins.](#)

Gorlich D, Dabrowski M, Bischoff FR, Kutay U, Bork P, Hartmann E, Prehn S, Izaurralde E.

The Journal of Cell Biology 1997 Jul; 138(1):65.

Application: WB-Ce, Human, Frog, HeLa cells, Xenopus egg extracts