

# IPO8 Rabbit Polyclonal Antibody



CAB14679

---

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

120kDa

### Calculated MW:

96kDa/119kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Immunogen information

### Gene ID:

10526

### Uniprot

O15397

### Synonyms:

IPO8; RANBP8

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

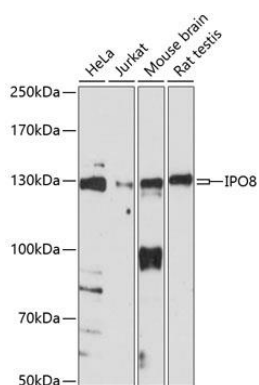
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 878-1037 of human IPO8 (NP\_006381.2).

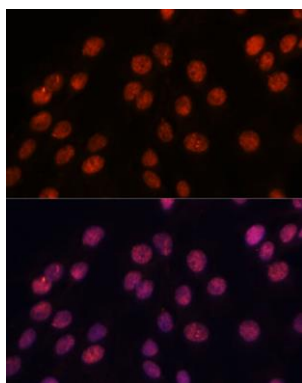
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

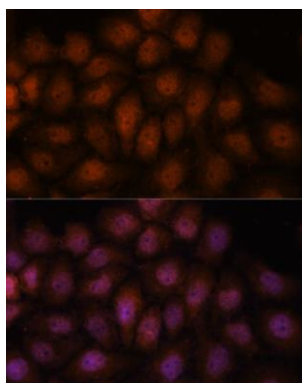
## Product Images



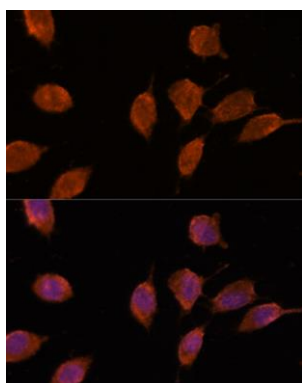
Western blot analysis of extracts of various cell lines, using IPO8 antibody (CAB14679) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunofluorescence analysis of C6 cells using IPO8 antibody (CAB14679) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using IPO8 antibody (CAB14679) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using IPO8 antibody (CAB14679) at dilution of 1:100. Blue: DAPI for nuclear staining.