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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.

## EB05553 - Goat Anti-RANBP7 / Importin 7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RAN-binding protein 7, RAN binding protein 7, MGC138673, FLJ14581, RANBP7, importin 7, IPO7

**Official Symbol:** IPO7

**Accession Number(s):** NP\_006382.1

**Human GeneID(s):** [10527](#)

### Immunogen

Peptide with sequence C-SSFNFGGPAPGMN, from the C Terminus of the protein sequence according to NP\_006382.1.

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:** Approx 120kDa band observed in Human Brain lysates (predicted MW of 119kDa according to NP\_006382.1). Recommended for use at 0.1-1µg/ml. Please note that an approx 30kDa band of unknown identity is also consistently observed.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow

### Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Saijou E, Itoh T, Kim KW, Iemura S, Natsume T, Miyajima A.

Nucleocytoplasmic shuttling of the zinc finger protein EZI Is mediated by importin-7-dependent nuclear import and CRM1-independent export mechanisms.

J Biol Chem. 2007 Nov 2;282(44):32327-37.

**PMID:** 17848547



EB05553 staining (0.1µg/ml) of Human Brain lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.