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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.