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Datasheet for ABIN7156141
anti-Importin 11 antibody (AA 1-270) (HRP)

Overview

Quantity:	100 µg
Target:	Importin 11 (IPO11)
Binding Specificity:	AA 1-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Importin 11 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Importin-11 protein (1-270AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Importin 11 (IPO11)
Alternative Name:	IPO11 (IPO11 Products)
Background:	Background: Functions in nuclear protein import as nuclear transport receptor. Serves as receptor for nuclear localization signals (NLS) in cargo substrates. Is thought to mediate

Target Details

docking of the importin/substrate complex to the nuclear pore complex (NPC) through binding to nucleoporin and the complex is subsequently translocated through the pore by an energy requiring, Ran-dependent mechanism. At the nucleoplasmic side of the NPC, Ran binds to the importin, the importin/substrate complex dissociates and importin is re-exported from the nucleus to the cytoplasm where GTP hydrolysis releases Ran. The directionality of nuclear import is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus (By similarity). Mediates the nuclear import of UBE2E3, and of RPL12 (By similarity).

Aliases: Imp11 antibody, Importin 11 antibody, Importin-11 antibody, IPO11 antibody, IPO11_HUMAN antibody, Ran binding protein 11 antibody, Ran-binding protein 11 antibody, RanBP11 antibody, SLRN antibody, Synleurin antibody

UniProt: [Q9UI26](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.