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Datasheet for ABIN7114023 anti-Exportin 7 antibody

Overview

Quantity:	100 µg
Target:	Exportin 7 (XP07)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Exportin 7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	exportin 7
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Exportin 7 (XP07)
Alternative Name:	XP07 (XP07 Products)
Background:	Synonyms:Exp7, exportin 7, KIAA0745, Ran binding protein 16, RANBP16, XP07 Background:Mediates the nuclear export of proteins(cargos) with broad substrate specificity. In the nucleus binds cooperatively to its cargo and to the GTPase Ran in its active GTP-bound form. Docking of this trimeric complex to the nuclear pore complex(NPC) is mediated through

Target Details

binding to nucleoporins. Upon transit of a nuclear export complex into the cytoplasm, disassembling of the complex and hydrolysis of Ran-GTP to Ran-GDP(induced by RANBP1 and RANGAP1, respectively) cause release of the cargo from the export receptor. XPO7 then return to the nuclear compartment and mediate another round of transport. The directionality of nuclear export is thought to be conferred by an asymmetric distribution of the GTP-and GDP-bound forms of Ran between the cytoplasm and nucleus.

Molecular Weight: 100 kDa

Gene ID: 23039

UniProt: [Q9UIA9](#)

Application Details

Application Notes: WB: 1:500-1:5000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months