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Datasheet for ABIN7152324

anti-Exportin 2 antibody (AA 713-971) (HRP)

Overview

Quantity:	100 µL
Target:	Exportin 2 (CSE1L)
Binding Specificity:	AA 713-971
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Exportin 2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Exportin-2 protein (713-971AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Exportin 2 (CSE1L)
Alternative Name:	CSE1L (CSE1L Products)
Background:	Background: Export receptor for importin-alpha. Mediates importin-alpha re-export from the nucleus to the cytoplasm after import substrates (cargos) have been released into the

Target Details

nucleoplasm. In the nucleus binds cooperatively to importin- α 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 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 importin- α from the export receptor. CSE1L/XPO2 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.

Aliases: CAS antibody, Cellular apoptosis susceptibility protein antibody, Chromosome segregation 1 (yeast homolog) like antibody, Chromosome segregation 1 Like antibody, Chromosome segregation 1 like protein antibody, Chromosome segregation 1-like protein antibody, Chromosome segregation gene CSE1 antibody, CSE 1 antibody, CSE 1 chromosome segregation 1 like antibody, CSE 1 chromosome segregation 1 like protein antibody, CSE 1L antibody, CSE1 antibody, CSE1 chromosome segregation 1 like (yeast) antibody, CSE1 chromosome segregation 1 like antibody, CSE1 chromosome segregation 1 like protein antibody, CSE1L antibody, Exp 2 antibody, Exp2 antibody, Exportin 2 antibody, Exportin-2 antibody, Exportin2 antibody, Importin alpha re exporter antibody, Importin- α re-exporter antibody, MGC117283 antibody, MGC130036 antibody, MGC130037 antibody, XPO 2 antibody, XPO2 antibody, XPO2_HUMAN antibody

UniProt: [P55060](#)

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.

Handling

Storage: -20 °C, -80 °C

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