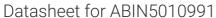
antibodies -online.com





anti-KPNA3 antibody (AbBy Fluor® 750)



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	N/P	r\/I	i⊢₩

Quantity:	100 μL	
Target:	KPNA3	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This KPNA3 antibody is conjugated to AbBy Fluor® 750	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SRP1/karyopherin alpha 1	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	

Target Details

Target:	KPNA3	
Alternative Name:	SRP1 (KPNA3 Products)	
Background:	Synonyms: IMA1_HUMAN; Importin alpha 1 subunit; Importin alpha 5; Importin alpha 5 Importin subunit alpha-1; IPO A5; IPOA 5; IPOA5; Karyopherin alpha 1; Karyopherin alph	
	subunit; Karyopherin subunit alpha-1; KPNA 1; KPNA1; mSRP 1; mSRP1; NPI 1; NPI-1; NPI1;	
	Nucleoprotein interactor 1; RAG cohort protein 2; RCH 2; RCH2; Recombination activating gene	

cohort 2; SRP 1; SRP1 beta; SRP1-beta.

Background: Protein transport across the nucleus is a selective, multi-step process involving several cytoplasmic factors that mediate protein passage through the nuclear pore complex (NPC). Cytoplasmic proteins that contain nuclear localization signals (NLSs) must be recognized as import substrates, dock at the nuclear pore complex and translocate across the nuclear envelope in an ATP-dependent fashion. Karyopherin alpha 1 and karyopherin alpha 6 are widely expressed nuclear import proteins that act as adaptors for karyopherin 1, specifically binding to and guiding NLS-containing proteins to the NPC. Both karyopherin alpha 1 and karyopherin alpha 6 contain one IBB domain and ten ARM repeats through which they convey their protein binding and localization function. Together, karyopherin å1 and karyopherin å6 are responsible for ensuring the nuclear import of NLS-containing substrates

Gene ID:

3838

Pathways:

Protein targeting to Nucleus

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months