

ARG63403 anti-KPNA1 / Importin alpha 5 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes KPNA1 / Importin alpha 5
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	KPNA1 / Importin alpha 5
Species	Human
Immunogen	TTPGKENFRLKSY-C
Conjugation	Un-conjugated
Alternate Names	Importin subunit alpha-5; SRP1; Nucleoprotein interactor 1; IPOA5; RCH2; RAG cohort protein 2; SRP1-beta; NPI-1; Karyopherin subunit alpha-1

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml

Application Note
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 3836 Human](#)

[Swiss-port # P52294 Human](#)

Background

Recombination activating proteins RAG1 and RAG2 regulate and mediate V(D)J recombination, the process by which genes for immunoglobulins and T-cell receptors are generated. Several other ubiquitously expressed proteins are thought to be recruited in the recombination process. Among these are the genes affected in severe combined immune deficiency and genes involved in ds-DNA break repair. The protein encoded by this gene interacts with RAG1 and may play a role in V(D)J recombination. Two transcript variants, one protein-coding and the other not, have been found for this gene. [provided by RefSeq, Jan 2009]

Research Area

Immune System antibody; Signaling Transduction antibody

Calculated Mw

60 kDa

PTM

Polyubiquitinated in the presence of RAG1 (in vitro).

Images



ARG63403 anti-KPNA1 / Importin alpha 5 antibody WB image

Western Blot: HeLa lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63403 anti-KPNA1 / Importin alpha 5 antibody at 1 µg/ml dilution.