

Datasheet for ABIN5539841
anti-KPNA2 antibody (C-Term) (Biotin)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	KPNA2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This KPNA2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	KPNA2 / IPOA1, Biotinylated
Sequence:	QVQDGAPGTF NF.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	KPNA2
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Target Details

Alternative Name:	KPNA2 (KPNA2 Products)
Background:	KPNA2, karyopherin alpha 2 (RAG cohort 1, importin alpha 1), IPOA1, QIP2, RCH1, SRP1alpha, RAG cohort 1, RAG cohort protein 1, SRP1-alpha, importin alpha 1, importin alpha 2, importin subunit alpha-2, importin-alpha-P1, karyopherin subunit alpha-2, pendul
Gene ID:	3838, 16647, 85245
NCBI Accession:	NP_002257
Pathways:	M Phase , Protein targeting to Nucleus

Application Details

Application Notes:	Western Blot: Approx 55 kDa band observed in lysates of cell line HeLa (calculated MW of 57.9 kDa according to NP_002257.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. Biotinylated ABIN5539841 (0.2µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.