

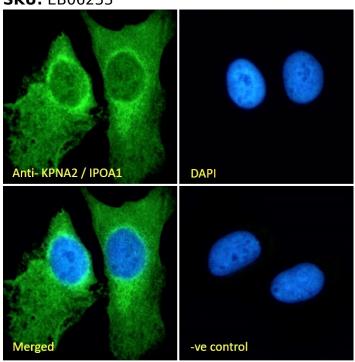


Telephone: (650) 697-3600



## **GOAT ANTI-KPNA2 / IPOA1 ANTIBODY**

**SKU:** EB06233



## **SPECIFICATIONS**

 $\textbf{Formulation} \ \text{Supplied at 0.5 mg/ml in Tris saline, 0.02\% sodium azide, pH7.3 with 0.5\% bovine serum albumin.}$ 

Unit Size 100 μg

 $\begin{tabular}{ll} \textbf{Storage} \\ \textbf{Instructions} \end{tabular} A liquot and store at -20 {\rm ^{\circ}C}. \label{eq:liquot} Minimize freezing and thawing}.$ 

Synonym / SRP1-alpha|RAG cohort protein 1|QIP2|importin subunit alpha-2|pendulin|karyopherin subunit alpha-2|importin-alpha-2|importin alpha-1|karyopherin alpha 2 (RAG cohort 1, importin alpha 1)

Names 1)|SRP1alpha|RCH1|IPOA1|KPNA2

Recommended concentration: 10µg/ml. ><strong>Flow Cytometry:</strong> Flow cytometric analysis of A549

cells. Recommended concentration: 10ug/ml.

Accession NP\_002257.1

Blocking EBP06233

Immunogen Peptide with sequence C-QVQDGAPGTFNF, from the C Terminus of the protein sequence according to NP 002257.1.





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**Peptide** 

C-QVQDGAPGTFNF

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping

Refrigerated Instructions

**Predicted** 

Human, Mouse, Rat, Dog Species

Reactive

Human, Rat **Species** 

Human

3838 Gene ID

Mouse

16647 Gene ID

Rat Gene ID 85245

**Product** 

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite plus medium.png Grade

IHC Results Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.

**ELISA** 

Detection Antibody detection limit dilution 1:32000.

Limit

Approx 55kDa band observed in lysates of cell lines CaCo-2, Jurkat, and KNRK, and approx. 58kDa in lysates of cell Western

lines MCF7 and A549 (calculated MW of 57.9kDa according to Human NP\_002257.1 and Rat NP\_001257731.1). Blot

Recommended concentration 0.03-0.1µg/ml. Primary incubation 1 hour at room temperature.

Application

Pep-ELISA, WB, IHC, IF, FC Type

## SELECTED REFERENCES

[{"pmid": 23973294, "intro": "This antibody (previous batch) has been successfully used in Western blot on Mouse:", "title": "The nuclear accumulation of alphasynuclein is mediated by importin alpha and promotes neurotoxicity by accelerating the cell cycl e.", "author": "Ma KL, Song LK, Yuan YH, Zhang Y, Han N, Gao K, Chen NH", "journal": "Neuropharmacology. 2014 Jul;82:132-42"}, {"pmid": 36861403, "intro": "This antibody has been successfully used in WB on Human:", "title": "Characterization of the nuclear import of the human CHD4-NuRD complex.", "author": "Helen Hoffmeister, Simon Holzinger, Marie-Sofie Dürr, Astrid Bruckmann, Susanne Schindler, Regina Gröbner-Ferreira, Reinhard Depping and Gernot Längst", "journal": "Cell Sci. 2023 Apr 1;136(7):jcs260724."}, {"pmid": 1, "intro": "This antibody has been successfully used in the following paper:", "title": "Acetylation of nuclear localization signal controls importin-mediated nuclear transport of Ku70", "author": "Fujimoto H, Ikuta T, Koike A and Koike M", "journal": "https://doi.org/10.1101/403485 (August 29, 2018)"}]



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## **GALLERY IMAGES**

