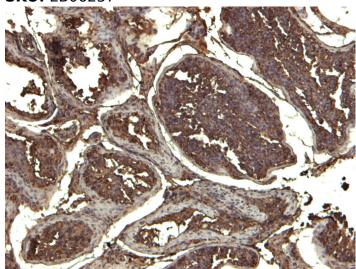
Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

GOAT ANTI-KPNA3 / IPOA4 ANTIBODY

SKU: EB06237



SPECIFICATIONS

Formulation 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

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

Alias

importin alpha-3|SRP1|karyopherin alpha 3|importin-alpha-Q2|importin alpha 4|importin alpha 4|hSRP1|SRP4|SRP1gamma|RP11-432M24.3|karyopherin alpha 3 (importin alpha 4)|IPOA4|KPNA3

Names Usage

Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nuclei of A431 cells. Recommended concentration: 10µq/ml. Flow Cytometry: Flow cytometric analysis of

A431 cells. Recommended concentration: 10ug/ml.

Summary Accession

NP 002258.2

Blocking

EBP06237

Peptide

Immunogen Peptide with sequence C-DPTANLQTKEFNF, from the C Terminus of the protein sequence according to NP_002258.2.

Peptide Sequence

C-DPTANLQTKEFNF

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

Method the immunizing peptide.

Shipping

Instructions Refrigerated





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Predicted

Human, Mouse, Rat, Dog, Cow

Species Reactive

Human **Species**

Human

3839 **Gene ID**

Mouse

16648 Gene ID

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: 6μg/ml.

ELISA

Detection Antibody detection limit dilution 1:128000.

Limit

Approx. 60kDa band observed in lysates of cell lines CaCo-2, HEK293 and MCF7 (calculated MW of 57.8kDa

Western according to NP_002258.2). Recommended concentration: 0.01-0.03μg/ml. Primary incubation 1 hour at room Blot

temperature.

Application

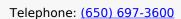
Pep-ELISA, WB, IHC, IF, FC

Type

SELECTED REFERENCES

[{"pmid": 30377371, "intro": "This antibody (previous batch) has been successfully used in the following paper:", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}, {"pmid": 20454918, "intro": "This antibody (previous batch) has been successfully used in WB on Human and Mouse, and in IP on Mouse:", "title": "Notch1 signaling is mediated by importins alpha 3, 4, and 7.", "author": "Huenniger K, Krämer A, Soom M, Chang I, Köhler M, Depping R, Kehlenbach RH, Kaether C.", "journal": "Cell Mol Life" Sci. 2010 Sep;67(18):3187-96."}, {"pmid": 26308983, "intro": "This antibody (previous batch) has been successfully used on Mouse:", "title": "Modifiers of C9orf72 dipeptide repeat toxicity connect nucleocytoplasmic transport defects to FTD/ALS.", "author": "Ana Jovi?i?, Jerome Mertens, Steven Boeynaems, Elke Bogaert, Noori Chai, Shizuka B. Yamada, Joseph W. Paul III, Shuying Sun, Joseph R. Herdy, Gregor Bieri, Nicholas J. Kramer, Fred H. Gage, Ludo Van Den Bosch, Wim Robberecht, and Aaron D. Gitler.", "journal": "Nat Neurosci. 2015 Sep;18(9)."}, {"pmid": 21291862, "intro": "This antibody (previous batch) has been successfully used in ICC on Rat:", "title": "Axotomy induces axonogenesis in hippocampal neurons by a mechanism dependent on importin?.", "author": "Ohara R, Hata K, Yasuhara N, Mehmood R, Yoneda Y, Nakagawa M, Yamashita T.", "journal": "Biochem Biophys Res Commun. 2011 Feb 25;405(4):697-702."}, {"pmid": 34987110, "intro": "This antibody has been successfully used in the following paper:", "title": "Presenilin Is Essential for ApoE Secretion, a Novel Role







of Presenilin Involved in Alzheimer's Disease Pathogenesis.", "author": "Sadequl Islam, Yang Sun, Yuan Gao, Tomohisa Nakamura, Arshad Ali Noorani, Tong Li, Philip C Wong, Noriyuki Kimura, Etsuro Matsubara, Kensaku Kasuga, Takeshi Ikeuchi, Taisuke Tomita, Kun Zou, Makoto Michikawa", "journal": "J Neurosci. 2022 Feb 23;42(8):1574-1586."}]

GALLERY IMAGES

