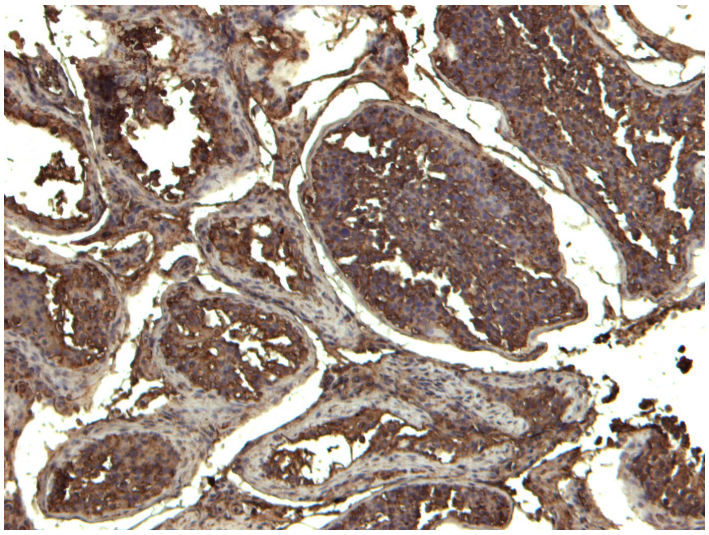
www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

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 Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	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
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nuclei of A431 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.
Accession ID	NP_002258.2
Blocking Peptide	EBP06237
Immunogen	Peptide with sequence C-DPTANLQTKEFNF, from the C Terminus of the protein sequence according to NP_002258.2.
Peptide Sequence	C-DPTANLQTKEFNF
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated

Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human
Human Gene ID	3839
Mouse Gene ID	16648
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Testis. Recommended concentration: 6µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx. 60kDa band observed in lysates of cell lines CaCo-2, HEK293 and MCF7 (calculated MW of 57.8kDa according to NP_002258.2). Recommended concentration: 0.01-0.03µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IHC, IF, FC

SELECTED REFERENCES

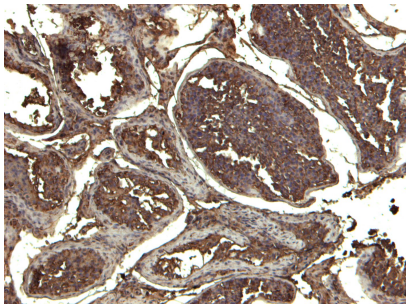
[{"pmid": 30377371, "intro": "**This antibody (previous batch) has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. 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

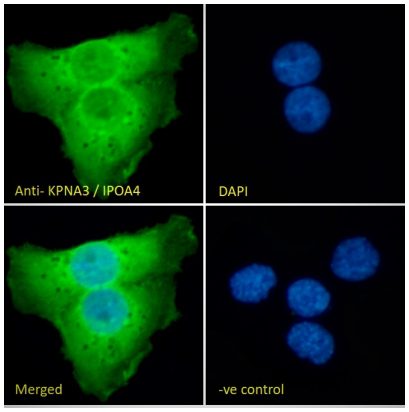
of Presenilin Involved in Alzheimer's Disease Pathogenesis.", "author": "Sadequl Islam, Yang Sun, Yuan Gao, Tomohisa Nakamura, Arshad Ali Noorani, Tong Li, Philip C Wong, Noriyuki Kimura, Etsuro Matsubara, Kensaku Kasuga, Takeshi Ikeuchi, Taisuke Tomita, Kun Zou, Makoto Michikawa", "journal": "J Neurosci.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

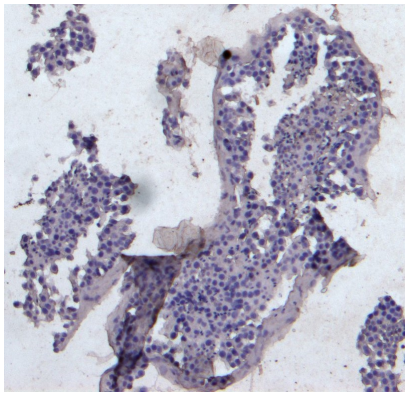
DOCUMENTS

- Data Sheet

GALLERY IMAGES







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