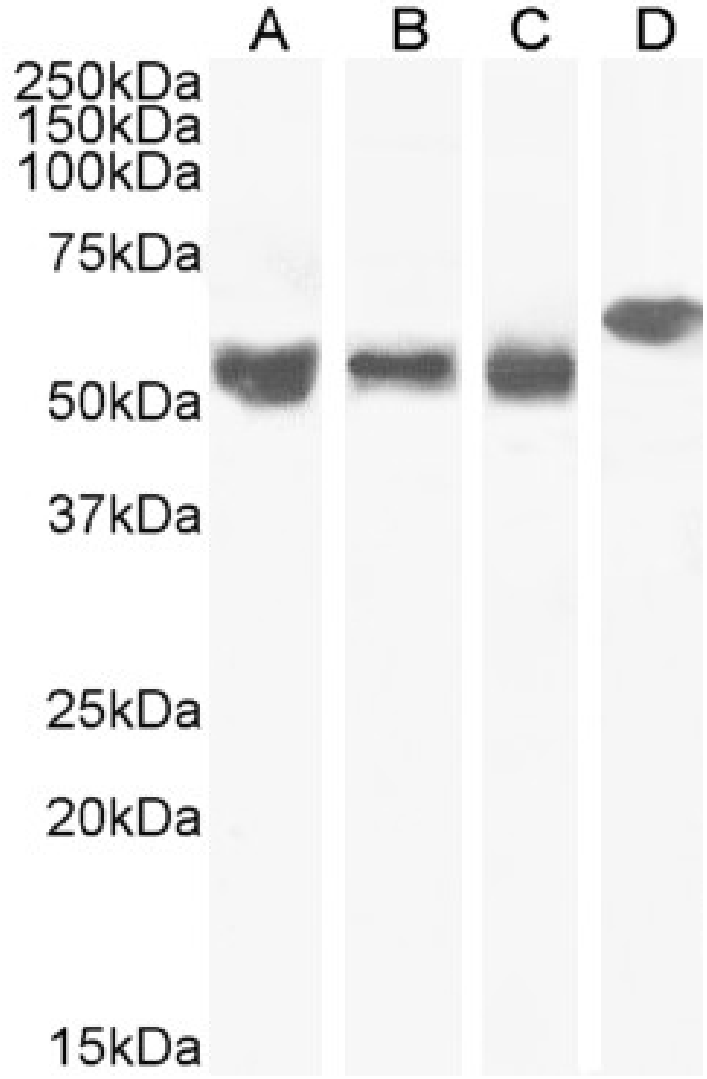
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Telephone: (650) 697-3600

GOAT ANTI-KPNA4 / IPOA3 ANTIBODY

SKU: EB06238



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	karyopherin alpha 4|importin-alpha-Q1|importin alpha 3|karyopherin alpha 4 (importin alpha 3)|MGC26703|MGC12217|SRP3|QIP1|IPOA3|KPNA4
Accession ID	NP_002259.1
Blocking Peptide	EBP06238
Immunogen	Peptide with sequence C-NSSANVPTEGFQF, from the C Terminus of the protein sequence according to NP_002259.1.
Peptide Sequence	C-NSSANVPTEGFQF
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, Mouse, Rat
Human Gene ID	3840
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 55kDa band observed in Human and Mouse Ovary and in Mouse Testis lysates, and approx 60kDa in Rat Testis lysates (calculated MW of 57.9kDa according to Human NP_002259.1, Mouse NP_032493.1 and Rat NP_001014793.1). Recommended concentration: 0.03-0.3µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 34987110, "intro": "**This antibody (previous batch) 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."}, {"pmid": 20454918, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human and 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."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

