

## 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

<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	karyopherin alpha 4 importin-alpha-Q1 importin alpha 3 karyopherin alpha 4 (importin alpha 3) MGC26703 MGC12217 SRP3 QIP1 IPOA3 KPNA4
<b>Accession ID</b>	NP_002259.1
<b>Blocking Peptide</b>	EBP06238
<b>Immunogen</b>	Peptide with sequence C-NSSANVPTEGFQF, from the C Terminus of the protein sequence according to NP_002259.1.
<b>Peptide Sequence</b>	C-NSSANVPTEGFQF
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog, Cow
<b>Reactive Species</b>	Human, Mouse, Rat
<b>Human Gene ID</b>	3840
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:128000.
<b>Western Blot</b>	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.
<b>Application Type</b>	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": "Sadequul 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": "Mol Cell Neurosci. 2006 Jun;31(3):545-555."}]

"journal": "Cell Mol Life Sci. 2010 Sep;67(18):3187-96."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

