

Product Datasheet

KPNA5 Antibody (1D2) - Azide and BSA Free H00003841-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

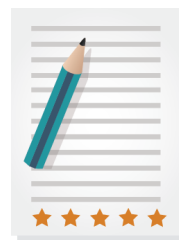
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00003841-M01

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00003841-M01



H00003841-M01

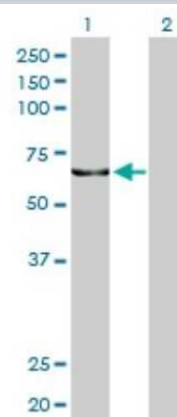
KPNA5 Antibody (1D2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3841
Gene Symbol	KPNA5
Species	Human
Specificity/Sensitivity	KPNA5 - karyopherin alpha 5 (importin alpha 6)
Immunogen	KPNA5 (AAH47409.1, 1 a.a. ~ 539 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDAMASPGKDNYSYKKNKALNPQEMRRRREEEGIQLRKQKREEQLFKRR NVYLPNDESMLESPIQDPDISSTVPIPEEEVTTDMVQMIFSNADQQLTATQ KFRKLLSKEPNPIDQVIQKPGVVQRFVKFLERNENCTLQFEAAWALTNIASGT FLHTKVVIETGAVPIFIKLLNSEHEDVQEQAVALGNIAGDNAECRDFVLNCEIL PPLLELLTNSNRLTTTRNAVWALSNLRCRGNPPPNFSKVSPCLNVLSRLLFSSD PDVLADVCWALSYSLSDGPNDKIQAVIDSGVCRRLLVELLMHNDYKVVSPALRAV GNIVTGDDIQTQVILNCSALPCLLHLLSSPKESIRKEACWTVSNITAGNRAQIQAV IDANIFPVLIEILQKAEFRTRKEAAWAITNATSGGTPEQIRYLVALGCIKPLCDLLT VMDSKIVQVALNGLENILRLGEQESKQNGIGINPYCALIEEAYGLDKIEFLQSHE NQEIYQKAFDLIEHYFGVEEDDPSIVPQVDENQQQFIFQQQEAPMDGFQL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunoprecipitation, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has been used for RNAi Validation and ELISA. Use in immunoprecipitation reported in scientific literature (PMID: 26052702).

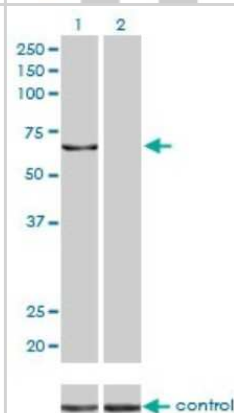


Images

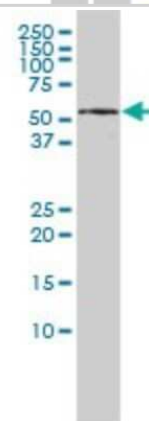
Western Blot: KPNA5 Antibody (1D2) [H00003841-M01] - Analysis of KPNA5 expression in transfected 293T cell line by KPNA5 monoclonal antibody (M01), clone 1D2. Lane 1: KPNA5 transfected lysate(60.7 kDa). Lane 2: Non-transfected lysate.



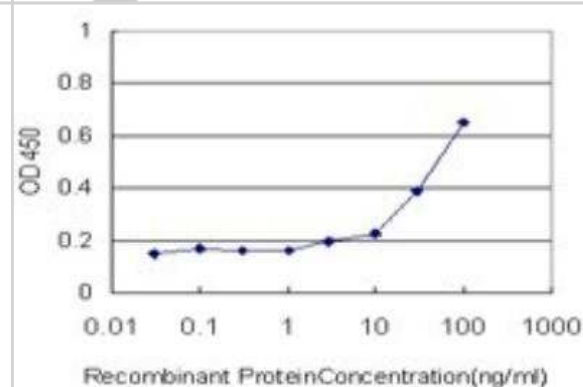
Western Blot: KPNA5 Antibody (1D2) [H00003841-M01] - Analysis of KPNA5 over-expressed 293 cell line, cotransfected with KPNA5 Validated Chimera RNAi (Cat # H00003841-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with KPNA5 monoclonal antibody (M01), clone 1D2 (Cat # H00003841-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot: KPNA5 Antibody (1D2) [H00003841-M01] - KPNA5 monoclonal antibody (M01), clone 1D2 Analysis of KPNA5 expression in HepG2.



ELISA: KPNA5 Antibody (1D2) [H00003841-M01] - Detection limit for recombinant GST tagged KPNA5 is approximately 3ng/ml as a capture antibody.



Publications

Kim NH, Yoshimaru T, Chen YA et al. BIG3 Inhibits the Estrogen-Dependent Nuclear Translocation of PHB2 via Multiple Karyopherin-Alpha Proteins in Breast Cancer Cells. PLoS One 2015-01-01 [PMID: 26052702] (IP, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00003841-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00003841-P01-10ug	Recombinant Human KPNA5 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00003841-M01

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

