

Product Datasheet

ALPK1 Antibody NBP1-83594

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

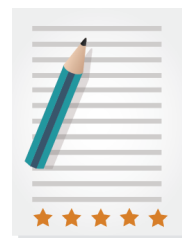
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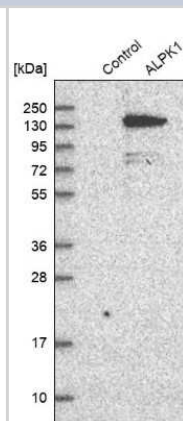
NBP1-83594**ALPK1 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	80216
Gene Symbol	ALPK1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23276153)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SYSSSNDCPPELKNLHLCEAKEAFEIGLLTKRDDEPVTGKQELHSFVKAAFGLT TVHRRHLHGETGTVHAASQLCKEAMGKLYNFSTSSRSQDREALSQEV
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	WB reported in scientific literature (PMID: 27829216). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

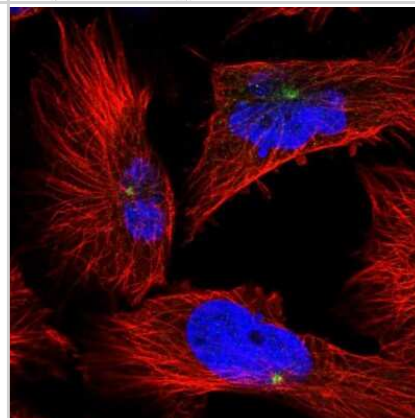


Images

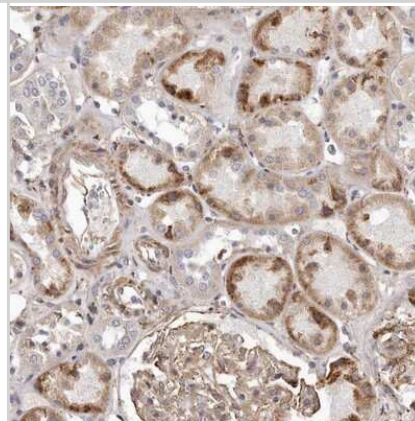
Western Blot: ALPK1 Antibody [NBP1-83594] - Analysis in control (vector only transfected HEK293T lysate) and ALPK1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunocytochemistry/Immunofluorescence: ALPK1 Antibody [NBP1-83594] - Staining of human cell line U-251 MG shows localization to centrosome. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: ALPK1 Antibody [NBP1-83594] - Staining of human kidney shows moderate positivity in cells in tubules and glomeruli.



Publications

Strietz J, Stepputtis SS, Preca BT et al. ERN1 and ALPK1 inhibit differentiation of bi-potential tumor-initiating cells in human breast cancer. *Oncotarget*. 2016-11-04 [PMID: 27829216] (WB, Human)

Fagerberg L, Oksvold P, Skogs M et al. Contribution of antibody-based protein profiling to the human Chromosome-centric Proteome Project (C-HPP). *J Proteome Res* 2013-06-07 [PMID: 23276153]



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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.

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