

# Product Datasheet

## AK3L1 Antibody NBP2-15317

Unit Size: 0.1 ml

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

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**NBP2-15317****AK3L1 Antibody**

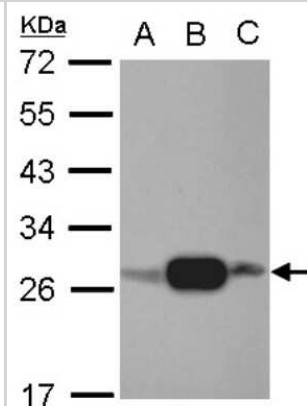
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS (pH 7), 20% Glycerol, 1% BSA
<b>Target Molecular Weight</b>	25 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit AK3L1 Antibody (NBP2-15317) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	205
<b>Gene Symbol</b>	AK4
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human AK3L1. The exact sequence is proprietary.

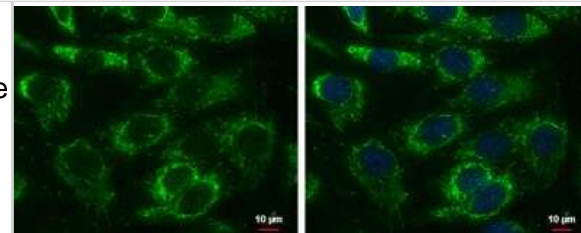
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

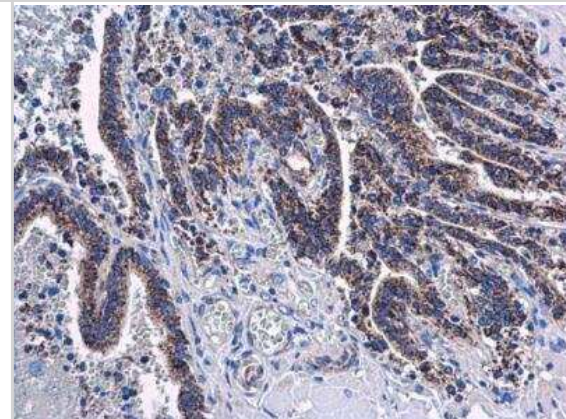
Western Blot: AK3L1 Antibody [NBP2-15317] - Sample (30 ug of whole cell lysate) A: HeLa B: HepG2 C: HCT116 12% SDS PAGE; antibody diluted at 1:1000.



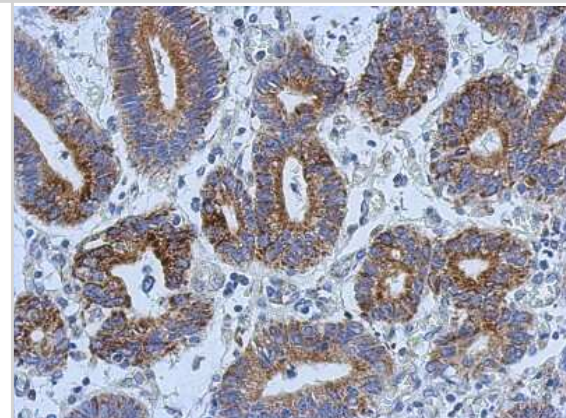
Immunocytochemistry/Immunofluorescence: AK3L1 Antibody [NBP2-15317] - AK3L1 antibody detects Adenylate kinase 4 protein at mitochondria by immunofluorescent analysis. Sample: SKNSH cells were fixed in 2% paraformaldehyde/culture medium at 37C for 30 min. Green: AK3L1 protein stained by AK3L1 antibody diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10  $\mu$ m.



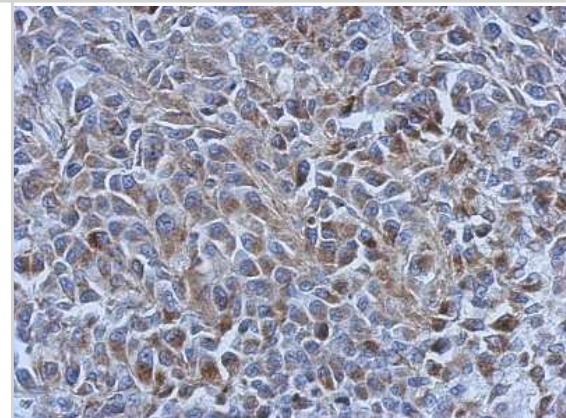
Immunohistochemistry-Paraffin: AK3L1 Antibody [NBP2-15317] - AK3L1 antibody detects AK3L1 protein at mitochondria in mouse prostate by immunohistochemical analysis. Sample: Paraffin-embedded mouse prostate. AK3L1 antibody diluted at 1:500.



Immunohistochemistry-Paraffin: AK3L1 Antibody [NBP2-15317] - Paraffin-embedded Colon ca, using antibody at 1:500 dilution.



Immunohistochemistry-Paraffin: AK3L1 Antibody [NBP2-15317] - Paraffin-embedded RT2 xenograft, using antibody at 1:500 dilution.





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### **Products Related to NBP2-15317**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72279-100ug	Recombinant Human AK3L1 His Protein

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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