

# Product Datasheet

## Argininosuccinate Lyase Antibody - BSA Free NBP1-32752

Unit Size: 100 ul

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

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### Publications: 1

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**NBP1-32752****Argininosuccinate Lyase Antibody - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<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>	0.1M Tris, 0.1M Glycine, 10% Glycerol
<b>Target Molecular Weight</b>	52 kDa

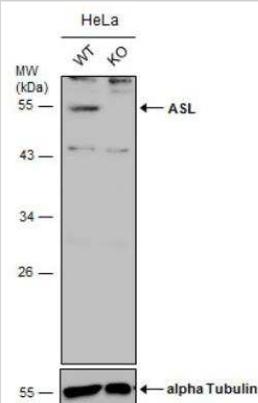
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Rabbit Argininosuccinate Lyase Antibody - BSA Free (NBP1-32752) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Argininosuccinate Lyase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	435
<b>Gene Symbol</b>	ASL
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Argininosuccinate Lyase. The exact sequence is proprietary.

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

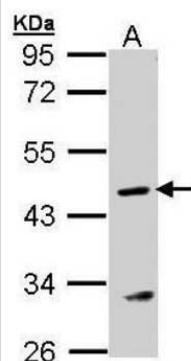


## Images

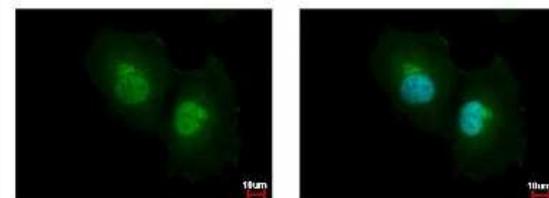
Western Blot: Argininosuccinate Lyase Antibody [NBP1-32752] - Wild-type (WT) and ASL knockout (KO) HeLa cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ASL antibody. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



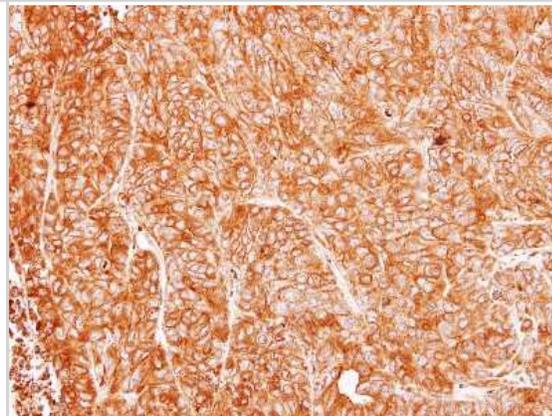
Western Blot: Argininosuccinate Lyase Antibody [NBP1-32752] - (30 ug of whole cell lysate) A: MOLT4 10% SDS PAGE diluted at 1:1000



Immunocytochemistry/Immunofluorescence: Argininosuccinate Lyase Antibody [NBP1-32752] - Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ASL protein stained by ASL antibody diluted at 1:500. Blue: Hoechst 33342 staining.



Immunohistochemistry-Paraffin: Argininosuccinate Lyase Antibody [NBP1-32752] - Paraffin-embedded DLD1 xenograft, using antibody at 1:500 dilution.



## Publications

Dryja P, Curtsinger HD, Bartee MY, Bartee E Defects in intratumoral arginine metabolism attenuate the replication and therapeutic efficacy of oncolytic myxoma virus Journal for immunotherapy of cancer 2023-06-01 [PMID: 37270180] (WB, Primate, Mouse)



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### **Products Related to NBP1-32752**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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