

# Product Datasheet

## Adenylosuccinate Synthase Antibody - BSA Free NBP1-90360

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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**NBP1-90360**

Adenylosuccinate Synthase Antibody - BSA Free

**Product Information**

<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>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Target Molecular Weight</b>	50 kDa

**Product Description**

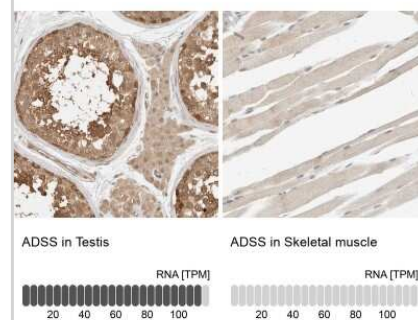
<b>Host</b>	Rabbit
<b>Gene ID</b>	159
<b>Gene Symbol</b>	ADSS2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 23435261)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: KLDGEIIPHIPANQEVLNKVEVQYKTLPGWNTDISNARAFKELPVNAQNYVRFIE DELQIPVKWIGVGKSRESM

**Product Application Details**

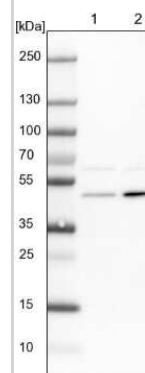
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

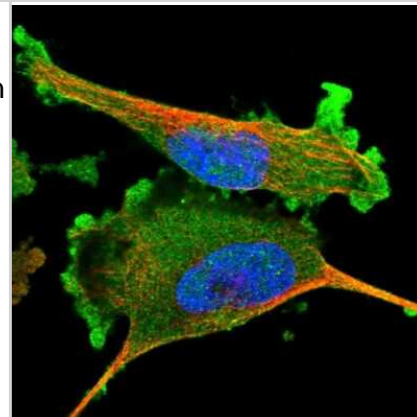
Immunohistochemistry-Paraffin: Adenylosuccinate Synthase Antibody [NBP1-90360] - Analysis in human testis and skeletal muscle tissues. Corresponding ADSS RNA-seq data are presented for the same tissues.



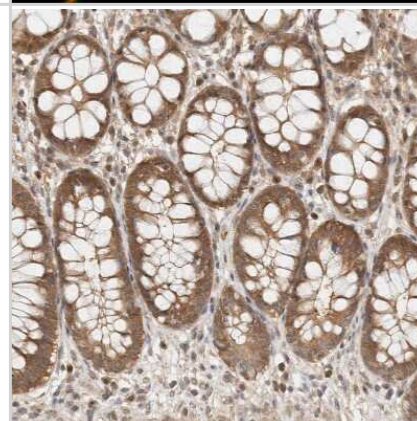
Western Blot: Adenylosuccinate Synthase Antibody [NBP1-90360] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



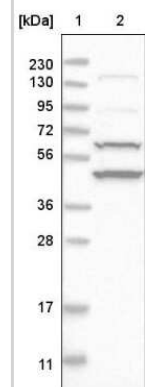
Immunocytochemistry/Immunofluorescence: Adenylosuccinate Synthase Antibody [NBP1-90360] - Staining of human cell line U-251 MG shows localization to plasma membrane and cytosol. Antibody staining is shown in green.



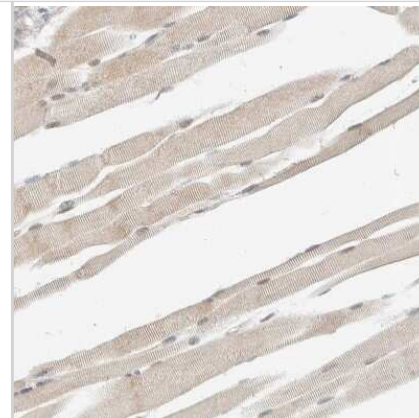
Immunohistochemistry-Paraffin: Adenylosuccinate Synthase Antibody [NBP1-90360] - Staining of human rectum shows moderate to strong cytoplasmic positivity in glandular cells.



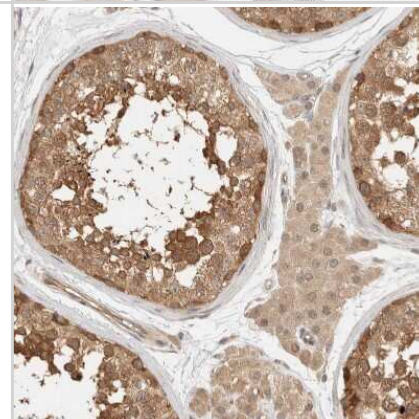
Western Blot: Adenylosuccinate Synthase Antibody [NBP1-90360] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-19



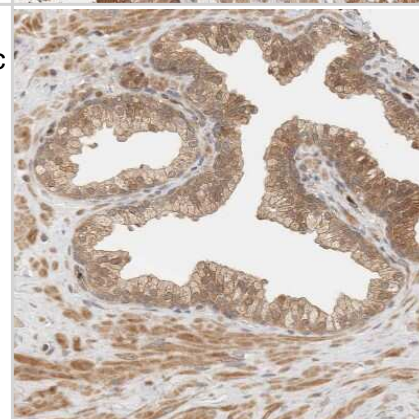
Immunohistochemistry-Paraffin: Adenylosuccinate Synthase Antibody [NBP1-90360] - Staining of human skeletal muscle shows weak cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: Adenylosuccinate Synthase Antibody [NBP1-90360] - Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Adenylosuccinate Synthase Antibody [NBP1-90360] - Staining of human prostate shows moderate cytoplasmic and membranous positivity in glandular cells.



## Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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### **Products Related to NBP1-90360**

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NBP1-90360PEP	Adenylosuccinate Synthase Recombinant Protein Antigen
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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