

Product Datasheet

Adenylosuccinate Lyase Antibody - BSA Free NBP1-87406

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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NBP1-87406

Adenylosuccinate Lyase Antibody - BSA Free

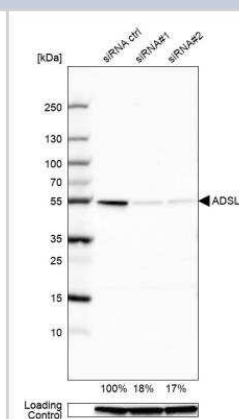
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	55 kDa

Product Description	
Host	Rabbit
Gene ID	158
Gene Symbol	ADSL
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RRICLAEAFLTADTILNTLQNISEGLVVYPKVIERRIRQELPFMATENIIMAMVKAG GSRQDCHEKIRVLSQQAASVVKQEGDNDLIERIQVDAYFSPHISQLDHLDDPS SFTGRASQQVQRFLEEEVYPLLKPYESVMKVKA

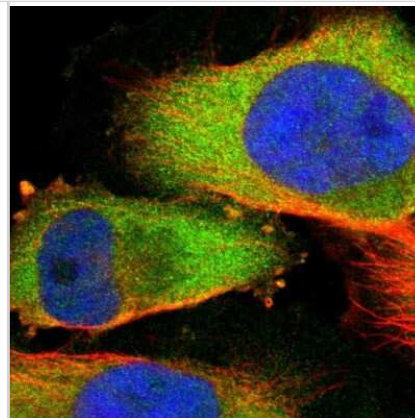
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

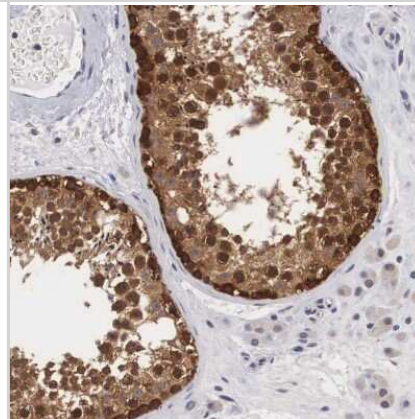
Western Blot: Adenylosuccinate Lyase Antibody [NBP1-87406] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ADSL antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



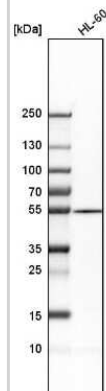
Immunocytochemistry/Immunofluorescence: Adenylosuccinate Lyase Antibody [NBP1-87406] - Staining of human cell line U-251 MG shows localization to cytosol. Antibody staining is shown in green.



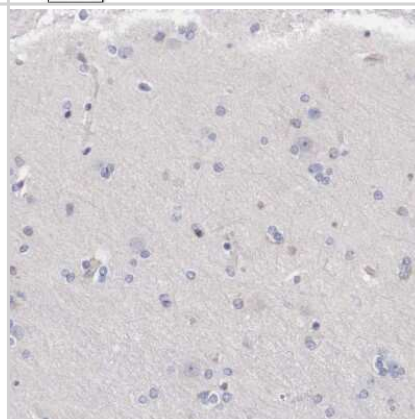
Immunohistochemistry-Paraffin: Adenylosuccinate Lyase Antibody [NBP1-87406] - Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



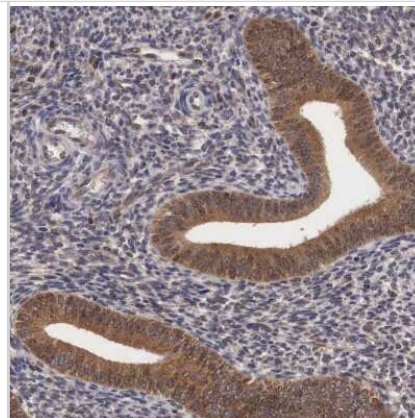
Western Blot: Adenylosuccinate Lyase Antibody [NBP1-87406] - Analysis in human cell line HL-60.



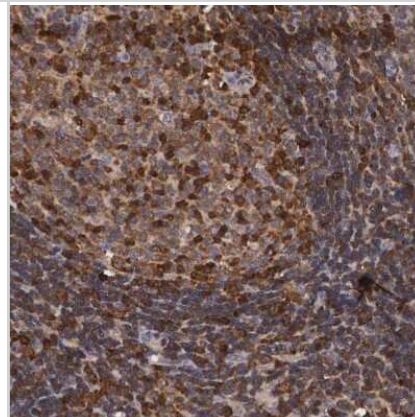
Immunohistochemistry-Paraffin: Adenylosuccinate Lyase Antibody [NBP1-87406] - Staining of human cerebral cortex shows no positivity in neuronal cells.



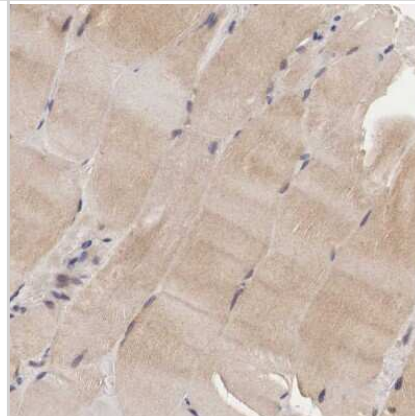
Immunohistochemistry-Paraffin: Adenylosuccinate Lyase Antibody [NBP1-87406] - Staining of human endometrium shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Adenylosuccinate Lyase Antibody [NBP1-87406] - Staining of human lymphoid tissues shows moderate cytoplasmic positivity in germinal center cells.



Immunohistochemistry-Paraffin: Adenylosuccinate Lyase Antibody [NBP1-87406] - Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



Publications

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. *J Proteomics* 2012-04-03 [PMID: 22361696]

Baresova V, Skopova V, Sikora J et al. Mutations of ATIC and ADSL affect purinosome assembly in cultured skin fibroblasts from patients with AICA-ribosiduria and ADSL deficiency. *Hum Mol Genet* 2012-04-01 [PMID: 22180458]



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Products Related to NBP1-87406

NBP1-87406PEP	Adenylosuccinate Lyase 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

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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