

# Product Datasheet

## ACSF2 Antibody NBP2-47558

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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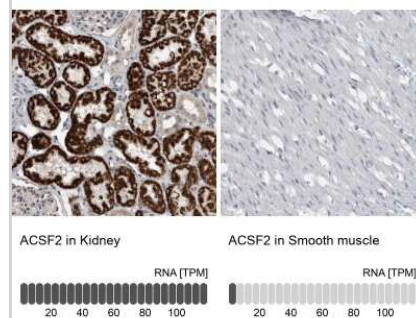
**NBP2-47558**

ACSF2 Antibody

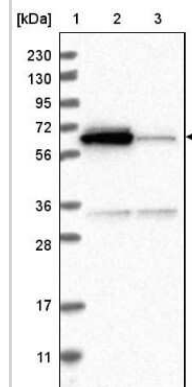
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<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
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	80221
<b>Gene Symbol</b>	ACSF2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (81%)
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: GTLAKLNTPGELCIRGYCVMLGYWGEPQKTEEAVDQDKWYWTGDVATMNEQ GFCKIVGRSKDMIIRGGEN
Product Application Details	
<b>Applications</b>	Western Blot, Simple Western, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Simple Western reported by internal validation, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. In Simple Western internal validation: Separated by size; antibody dilution of 1:20; matrix was 12-230 kDa; detected by Chemiluminescence.

## Images

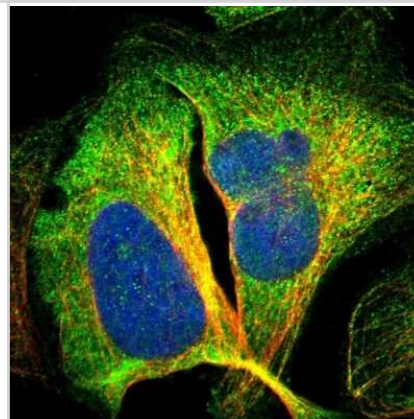
Immunohistochemistry-Paraffin: ACSF2 Antibody [NBP2-47558] - Staining in human kidney and smooth muscle tissues using anti-ACSF2 antibody. Corresponding ACSF2 RNA-seq data are presented for the same tissues.



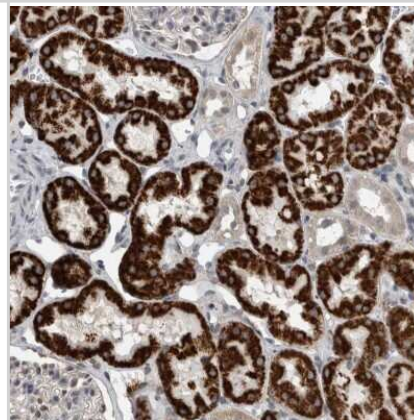
Western Blot: ACSF2 Antibody [NBP2-47558] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG.



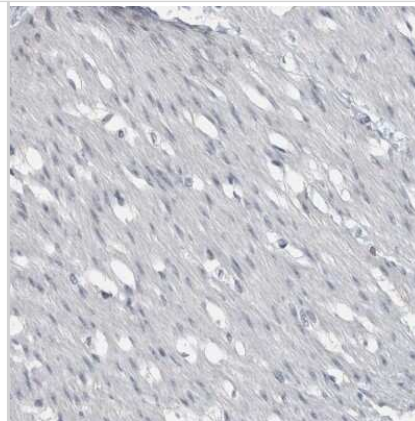
Immunocytochemistry/Immunofluorescence: ACSF2 Antibody [NBP2-47558] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol & microtubules.



Immunohistochemistry-Paraffin: ACSF2 Antibody [NBP2-47558] - Staining of human kidney shows high expression.



Immunohistochemistry-Paraffin: ACSF2 Antibody [NBP2-47558] -  
Staining of human smooth muscle shows low expression as expected.





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### **Products Related to NBP2-47558**

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NBP2-47558PEP	ACSF2 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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