

Product Datasheet

SUR1 Antibody - BSA Free **NBP2-34077**

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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NBP2-34077

SUR1 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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

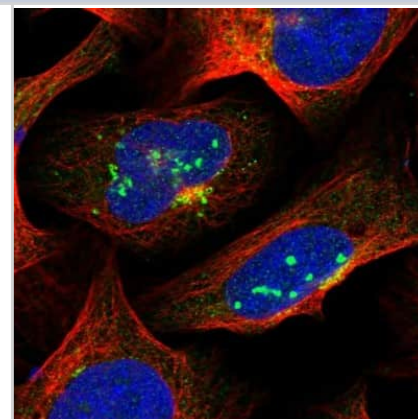
Host	Rabbit
Gene ID	6833
Gene Symbol	ABCC8
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31067750).
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: DHLGKENDVFQPKTQFLGVYFVSSQ

Product Application Details

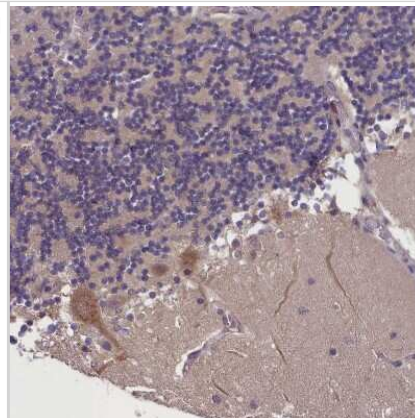
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. Use in Knockdown Validated reported in scientific literature (PMID: 31067750). SUR1 antibody validated for IHC from a verified customer review.

Images

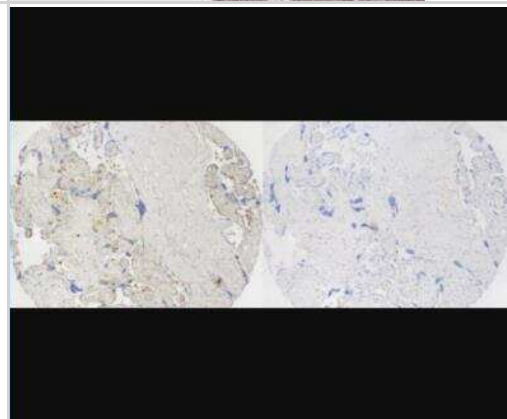
Immunocytochemistry/Immunofluorescence: SUR1 Antibody [NBP2-34077] - Staining of human cell line U-2 OS shows localization to nucleoli, cytosol & the Golgi apparatus. Antibody staining is shown in green.



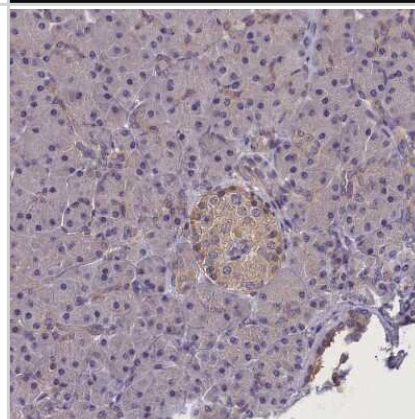
Immunohistochemistry-Paraffin: SUR1 Antibody [NBP2-34077] - Staining of human cerebellum shows strong cytoplasmic positivity in purkinje cells.



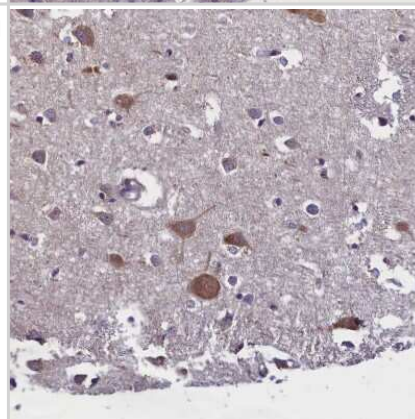
Immunohistochemistry: SUR1 Antibody [NBP2-34077] - IHC using NBP2-34077 at a dilution of 1:50 on FFPE human placenta. Primary antibody was incubated overnight at 4 C, then secondary HRP conjugate applied for 1 hour RT and visualized with DAB. HIER performed with citrate buffer pH 6.0 at 95 C for 15 minutes. Antibody incubation with 10x immunogenic peptide shows no staining. Image submitted by a verified customer review.



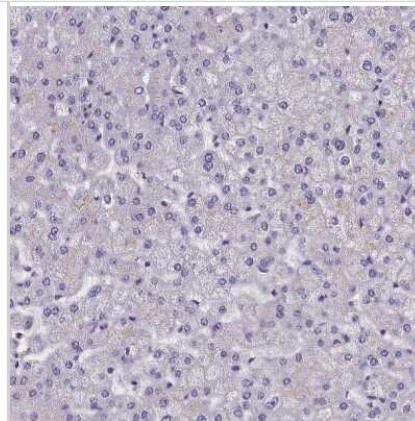
Immunohistochemistry-Paraffin: SUR1 Antibody [NBP2-34077] - Staining of human pancreas shows weak cytoplasmic positivity in islets of Langerhans.



Immunohistochemistry-Paraffin: SUR1 Antibody [NBP2-34077] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: SUR1 Antibody [NBP2-34077] - Staining of human liver shows no positivity in hepatocytes as expected.



Publications

Krawchuk M Modulation of SUR1 KATP Channel Subunit Activity in the Peripheral Nervous System Reduces Mechanical Hyperalgesia after Nerve Injury in Mice Int J Mol Sci 2019-05-07 [PMID: 31067750] (KD, ICC/IF, Mouse)



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Products Related to NBP2-34077

NBP2-34077PEP	SUR1 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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