

Rabbit SLC13A3 Polyclonal Antibody | anti-SLC13A3 antibody

SLC13A3 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198905	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

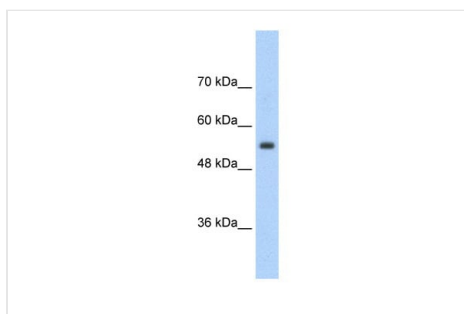
PRODUCT SYNONYMS

SLC13A3; Polyclonal Antibody; SLC13A3 antibody - middle region; anti-SLC13A3 antibody

PRODUCT SPECIFICATIONS

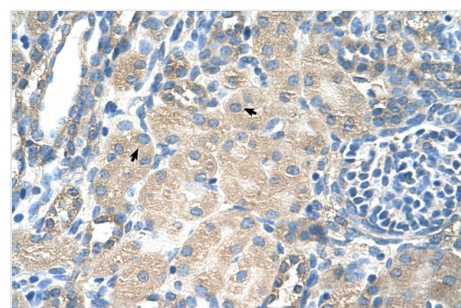
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GL SFRGWRKNKS EIRTNAEDRA RAVIREEYQN LGPIKFAEQA VFILFCMF
Sequence Length	555
Applicable Applications for anti-SLC13A3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 93%; Horse: 93%; Human: 100%; Mouse: 92%; Pig: 85%; Rabbit: 93%; Rat: 92%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC13A3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SLC13A3 Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-SLC13A3 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-SLC13A3 antibody	This is a rabbit polyclonal antibody against SLC13A3. It was validated on Western Blot and immunohistochemistry Target Description: Mammalian sodium-dicarboxylate cotransporters transport succinate and other Krebs cycle intermediates. They fall into 2 categories based on their substrate affinity: low affinity and high affinity. Both the low- and high-affinity transporters play an important role in the handling of citrate by the kidneys. SLC13A3 represents the high-affinity form.Mammalian sodium-dicarboxylate cotransporters transport succinate and other Krebs cycle intermediates. They fall into 2 categories based on their substrate affinity: low affinity and high affinity. Both the low- and high-affinity transporters play an important role in the handling of citrate by the kidneys. The protein encoded by this gene represents the high-affinity form. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, although the full-length nature of some of them have not been characterized yet.
Product Categories/Family for anti-SLC13A3 antibody	Polyclonal; Membrane Protein; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	58761541
NCBI GeneID	64849
NCBI Accession #	NP_001011554
NCBI GenBank Nucleotide #	NM_001011554
UniProt Accession #	Q8WWT9
Molecular Weight	61kDa
NCBI Official Full Name	solute carrier family 13 member 3 isoform b
NCBI Official Synonym Full Names	solute carrier family 13 member 3
NCBI Official Symbol	SLC13A3
NCBI Official Synonym Symbols	NADC3; SDCT2
NCBI Protein Information	solute carrier family 13 member 3
UniProt Protein Name	Solute carrier family 13 member 3
UniProt Gene Name	SLC13A3
UniProt Synonym Gene Names	NADC3; SDCT2; NaDC-3; hNaDC3
UniProt Entry Name	S13A3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc13a3-antibody-western-blot-immunohistochemistry-elisa/198905>