

Goat SLC17A7 / BNPI / VGLUT1 Polyclonal Antibody | anti-SLC17A7 antibody

Goat Polyclonal to Human SLC17A7 / BNPI / VGLUT1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51325	Goat	Human Predicted Reactivity: Monkey, Mouse, Rat, Bovine, Pig, Rabbit	Immunohistochemistry

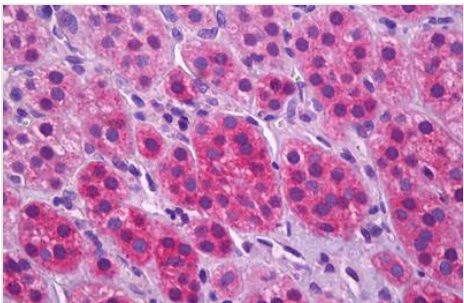
PRODUCT SYNONYMS

SLC17A7 / BNPI / VGLUT1; Polyclonal Antibody; Goat Polyclonal to Human SLC17A7 / BNPI / VGLUT1; Anti-SLC17A7 / BNPI / VGLUT1 Antibody IHC-plus; SLC17A7; BNPI; VGLUT1; Human SLC17A7; anti-SLC17A7 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human Predicted Reactivity: Monkey, Mouse, Rat, Bovine, Pig, Rabbit
Clonality	Polyclonal
Specificity	Human SLC17A7 / VGLUT1.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	560
Applicable Applications for anti-SLC17A7 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-HDQLAGSDDSEMED from an internal region of human SLC17A7 / VGLUT1 (NP_064705.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Elephant (100%); Marmoset, Mouse, Rat, Panda, Bovine, Rabbit, Pig (93%).
Immunogen Type	Synthetic peptide
Immunogen	SLC17A7 / BNPI / VGLUT1 antibody was raised against synthetic peptide C-HDQLAGSDDSEMED from an internal region of human SLC17A7 / VGLUT1 (NP_064705.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Elephant (100%); Marmoset, Mouse, Rat, Panda, Bovine, Rabbit, Pig (93%); Hamster, Dog, Horse (86%).
Usage	Immunohistochemistry: It was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration was determined to be 3.75ug/ml.
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-SLC17A7 / VGLUT1 antibody IHC of human adrenal cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SLC17A7 antibody	Family: Transporter ; Subfamily: Sodium;phosphate symporter
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9945322
NCBI GeneID	57030
NCBI Accession #	NP_064705.1
NCBI GenBank Nucleotide #	NM_020309.3
UniProt Accession #	Q9P2U7 ; Q6PCD0 ; B4DFR9 ; B4DG46
NCBI Official Full Name	vesicular glutamate transporter 1
NCBI Official Synonym Full Names	solute carrier family 17 (vesicular glutamate transporter), member 7
NCBI Official Symbol	SLC17A7
NCBI Official Synonym Symbols	BNPI; VGLUT1
NCBI Protein Information	vesicular glutamate transporter 1; solute carrier family 17 member 7; brain-specific Na-dependent inorganic phosphate cotransporter; brain-specific Na(+)-dependent inorganic phosphate cotransporter; solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7
UniProt Protein Name	Vesicular glutamate transporter 1
UniProt Gene Name	SLC17A7
UniProt Synonym Gene Names	BNPI; VGLUT1; VGLuT1
UniProt Entry Name	VGLU1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc17a7-bnpi-vglut1-antibody-immunohistochemistry-elisa/51325>