

Datasheet for ABIN462523

anti-SLC17A7 antibody (AA 501-514)



[Go to Product page](#)

3 Images

Overview

Quantity:	50 µg
Target:	SLC17A7
Binding Specificity:	AA 501-514
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SLC17A7 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	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%). Type of Immunogen: Synthetic peptide
Specificity:	Human SLC17A7 / VGLUT1.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Elephant (100%) Marmoset, Mouse, Rat, Panda, Bovine, Rabbit, Pig (93%) Hamster, Dog, Horse (86%).
Purification:	Immunoaffinity purified

Target Details

Target:	SLC17A7
Alternative Name:	SLC17A7 / BNPI / VGLUT1 (SLC17A7 Products)
Background:	Name/Gene ID: SLC17A7 Subfamily: Sodium:phosphate symporter Family: Transporter Synonyms: SLC17A7, BNPI, VGLUT1
Gene ID:	57030
NCBI Accession:	NP_064705
UniProt:	Q9P2U7

Application Details

Application Notes:	Approved: IHC, IHC-P (3.75 µg/mL) Usage: Immunohistochemistry: This antibody 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 for this antibody was determined to be 3.75 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Tris-buffered saline, pH 7.3, 0.5 % BSA, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

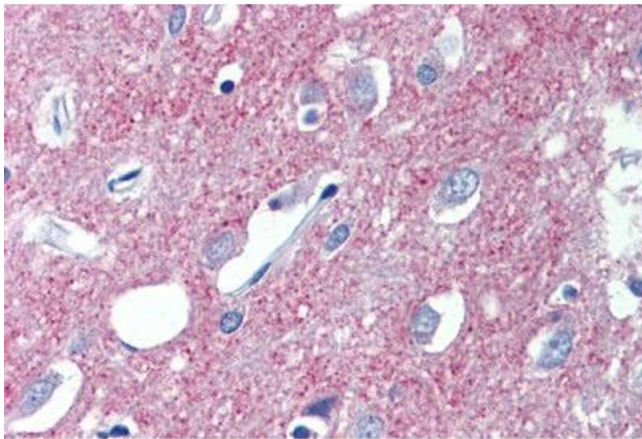
Handling

Handling Advice: avoid freeze thaw cycles.

Storage: 4 °C,-20 °C

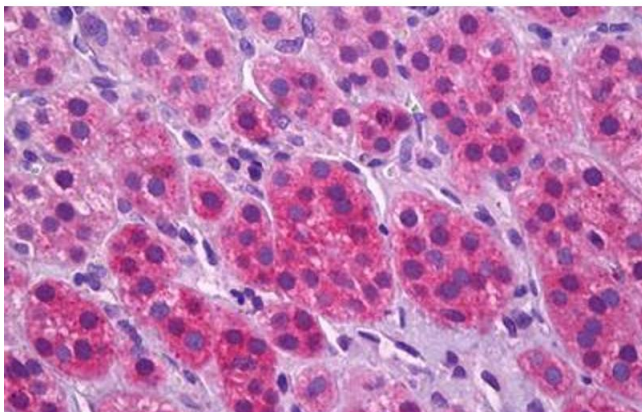
Storage Comment: Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.

Images



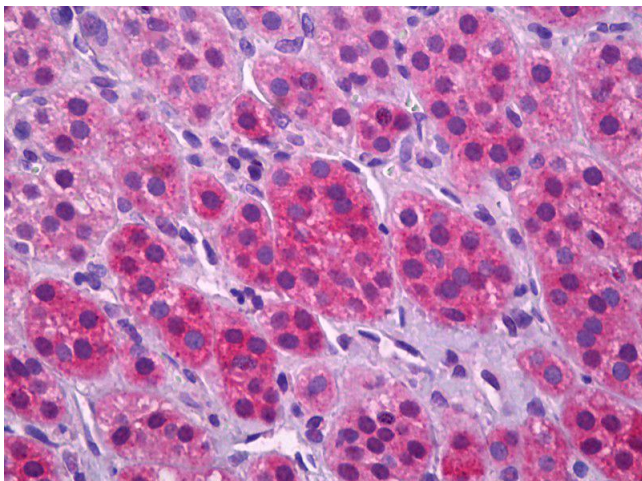
Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Brain, cortex, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-SLC17A7 / VGLUT1 antibody IHC staining of human adrenal cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN462523 concentration 27454 ug/ml.



Immunohistochemistry

Image 3. 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.