

Datasheet for ABIN213409

anti-SLC5A9 antibody (Cytoplasmic Domain)**2** Images[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SLC5A9
Binding Specificity:	Cytoplasmic Domain
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC5A9 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (IHC)

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 17 amino acid peptide from cytoplasmic domain of human SLC5A9. Percent identity with other species by BLAST analysis: Human (100%), Gorilla, Gibbon, Monkey, Marmoset, Dog (94%), Bat, Horse, Pig, Opossum (88%), Elephant, Panda (82%). Type of Immunogen: Synthetic peptide
Specificity:	Human SLC5A9. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SLC5A3 (65 %), SLC5A11 (59 %).
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human (100%) Gorilla, Gibbon, Monkey, Marmoset, Dog (94%) Bat, Horse, Pig, Opossum (88%) Elephant, Panda (82%).
Purification:	Immunoaffinity purified

Target Details

Target:	SLC5A9
Alternative Name:	SLC5A9 / SGLT4 (SLC5A9 Products)
Background:	Name/Gene ID: SLC5A9 Subfamily: Solute:sodium symporter Family: Transporter Synonyms: SLC5A9, HSGLT4, Sodium/glucose cotransporter 4, Na(+)/glucose cotransporter 4, SGLT4
Gene ID:	200010

Application Details

Application Notes:	Approved: IHC, IHC-P (20 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 20 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

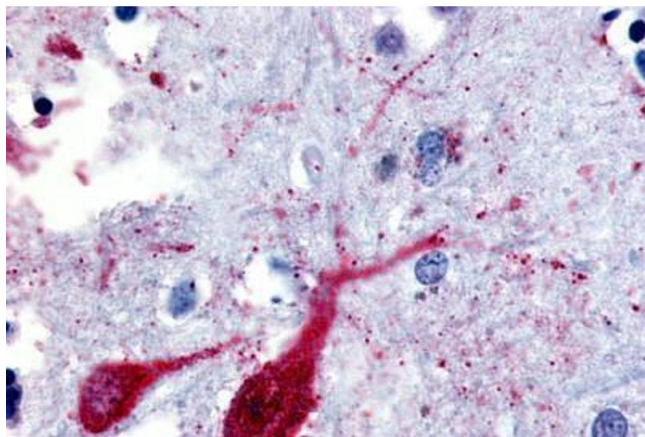
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.

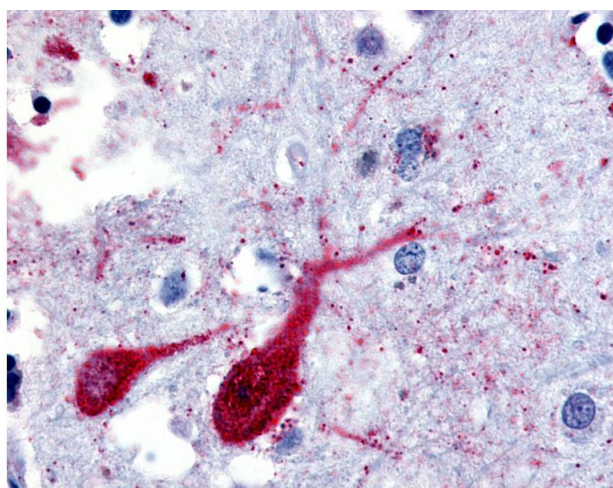
Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with SLC5A9 antibody ABIN213409 at 20 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-SLC5A9 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.