

SLC17A9 Recombinant antibody

Cat: B36120S

Company: HaoKebio

Uniprot ID: Q9BYT1

Applications: IHC:1:500-1:2000

Organism: Rabbit

IHC-Polymer:1:2000-1:8000

Species reactivity: Mouse Rat

IHC-TSA:1:2500-1:10000

Molecular Weight Calculation: 436 aa, 47 kDa

IF:1:50-1:100

Observed Molecular Weight: 50 kDa

WB:1:2000-1:16000

FC:1:200-1:600

Background:

SLC17A9 is a key member of the vesicular glutamate transporter family. Its core function is to actively transport glutamate from the cytoplasm into synaptic vesicles or secretory vesicles, maintaining the storage and release capacity of neurotransmitters, and participating in processes such as central/peripheral neural signal transmission and co-secretion of endocrine hormones. Abnormal expression of SLC17A9 is closely associated with neurodegenerative diseases (e.g., Parkinson's disease, Alzheimer's disease), neuroendocrine tumors (e.g., small-cell lung cancer, gastrointestinal carcinoids), and sensory nerve dysfunction.

Synonyms:

Voltage-gated purine nucleotide uniporter SLC17A9, VNUT, Vesicular nucleotide transporter, F LJ23412, C20orf59

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

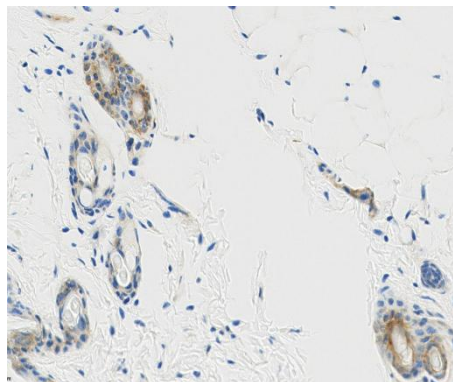
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse skin, 4% PFA 12-24h

Source of Reagents:

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