Anti-SV2A antibody

Cat. No.	ml161156
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-SV2A rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human SV2A
Reactivity	Human, Mouse, Rat
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	SV2A
Full name	synaptic vesicle glycoprotein 2A
Synonyms	SV2
Swissprot	Q7L0J3

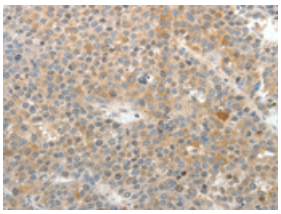
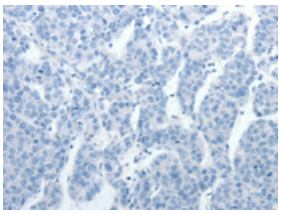
Target Background

This protein plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. Positively regulates vesicle fusion by maintaining the readily releasable pool of secretory vesicles.It is identified as the brain binding-site for the antiepileptic drug levetiracetam/lev.

Applications

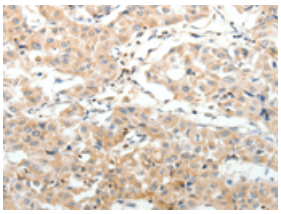
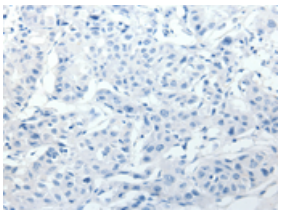
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human liver cancer
Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml161156(SV2A Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human lung cancer
Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml161156(SV2A Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-5000

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