

**HA610305**

<b>Product Type:</b>	Recombinant Chimeric Antibody IgY, primary antibodies
<b>Species reactivity:</b>	Mouse
<b>Applications:</b>	IHC-Fr
<b>Molecular Wt:</b>	Predicted band size: 57 kDa
<b>Clone number:</b>	PSH10-47

**Description:** Vesicular inhibitory amino acid transporter is a protein that in humans is encoded by the SLC32A1 gene. The protein encoded by this gene is an integral membrane protein involved in gamma-aminobutyric acid (GABA) and glycine uptake into synaptic vesicles. The encoded protein is a member of amino acid/polyamine transporter family II.

**Subcellular location:** Cytoplasmic vesicle membrane, Presynapse.

**Database links:** SwissProt: O35633 Mouse

**Recommended Dilutions:**  
IHC-Fr 1:200

**Storage Buffer:** PBS (pH7.4).

**Storage Instruction:** Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.

**Purity:** Protein A affinity purified.

**Hangzhou Huaan Biotechnology Co., Ltd.**

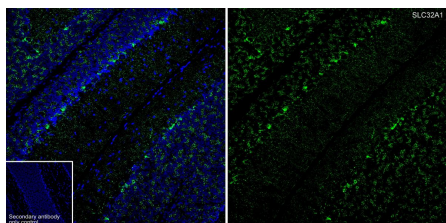
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## Images

**Fig1:** Application: IHC-Fr

Species: Mouse

Site: cerebellum

Sample: Frozen section

Antibody concentration: 1/200

Antigen retrieval: Not required

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

## Background References

1. Heron SE et al. Association of SLC32A1 Missense Variants With Genetic Epilepsy With Febrile Seizures Plus. Neurology. 2021 May
2. Guerrini R et al. SLC32A1: One More Gene Contributing to the Solution of the Genetic Generalized Epilepsies Mystery. Neurology. 2021 May

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation