

# Anti-SNAT1

**Catalogue number:** 156474

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Jeffrey Erickson

**Institute:** Louisiana University Health Sciences Center New Orleans (LSU)

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-SNAT1

**Alternate name:**

**Class:** Polyclonal

**Conjugate:** Unconjugated

**Description:** The sodium-coupled neutral amino acid transporter SNAT1 is a member of the System A amino acid transporter subfamily. SNAT1 mediates the Na<sup>+</sup>-dependent transport of glutamine in neurons and may play a role in glutamate/GABA-glutamine cycle and amino acid metabolism in the brain.

**Purpose:** Marker

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Mouse ; Rat

**Selectivity:**

**Host:** Rabbit

**Immunogen:** N-terminus of SNAT1 (GST-fusion protein)

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** N-terminus of SNAT1

**Target alternate names:**

**Target background:** The sodium-coupled neutral amino acid transporter SNAT1 is a member of the System A amino acid transporter subfamily. SNAT1 mediates the Na<sup>+</sup>-dependent transport of glutamine in neurons and may play a role in glutamate/GABA-glutamine cycle and amino acid metabolism in the brain.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** WB ; IHC

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Loupe et al. 2015. Oncogenesis. 4:e145. PMID: 25821947. ; Dietz et al. 2011. Int J Biochem Cell Biol. 43(6):936-45. PMID: 21440083.

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