

## SNAP25 Antibody, pAb, Rabbit

**Cat. No.:** A01445-40

**Size:** 40 µg

**Synonyms:** Synaptosomal Associated Protein 25 antibody;

### Description:

SNAP25 (Synaptosome-Associated Protein of 25 kDa) is a membrane bound, pre-synaptic nerve terminal protein that is involved in the molecular regulation of neurotransmitter release. It is part of the SNARE core complex containing SNAP25, VAMP2 and STX1A. SNAP25 plays an important role toward achieving synaptic function of specific neuronal systems and it associates with proteins involved in vesicle docking and membrane fusion. In addition, SNAP25 plays an essential role in synaptic vesicle fusion and exocytosis. GenScript **Rabbit Anti-SNAP25 Polyclonal Antibody** is developed in rabbit using Purified His-tagged human SNAP25 (Swiss Prot: Q5U0B5) full length recombinant protein.

**Immunogen:** Purified His-tagged human SNAP25 (Swiss Prot: Q5U0B5) full length recombinant protein.

**Host:** Rabbit

**Antigen Synonyms:** Human

**Conjugation:** Unconjugated

### Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide

**Ig Subclass:** Rabbit IgG

**Specificity:** GenScript Rabbit Anti-SNAP25 Polyclonal

Antibody detects endogenous levels of human, mouse, and rat SNAP25.

**Positive Control:** HeLa, SH-SY5Y, mouse brain and rat brain.

**Purification:** Immunoaffinity chromatography

### Applications:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

**Western blot:** 0.5-1 µg/ml

**Immunoprecipitation:** 2-10 µg/mg of lysate

**Other Applications:** user-optimized

**Species Reactivity:** Human, mouse, and rat. This product has not been tested for other species yet.

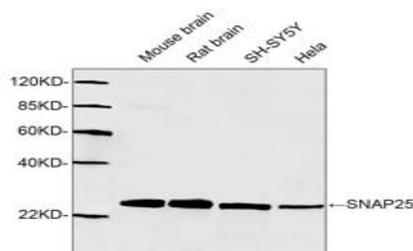
### Reconstitution:

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

### Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

### Example



Western blot analysis of cell and tissue lysates using 1 µg/ml Rabbit Anti-SNAP25 Polyclonal Antibody (GenScript, A01445). The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.

Predicted Size: 25 KD

Observed Size: 25 KD