

Product datasheet for **TA322908S**

SNAP25 Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 500-2000 WB positive control: Hela cells IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Full length fusion protein |
| Formulation: | PBS pH7.3, 0.05% NaN ₃ , 50% glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 23 kDa |
| Gene Name: | synaptosome associated protein 25kDa |
| Database Link: | NP_003072 Entrez Gene 20614 Mouse Entrez Gene 25012 Rat Entrez Gene 6616 Human P60880 |



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Background:

Synaptic vesicle membrane docking and fusion is mediated by SNAREs (soluble N-ethylmaleimide-sensitive factor attachment protein receptors) located on the vesicle membrane (v-SNAREs) and the target membrane (t-SNAREs). The assembled v-SNARE/t-SNARE complex consists of a bundle of four helices; one of which is supplied by v-SNARE and the other three by t-SNARE. For t-SNAREs on the plasma membrane; the protein syntaxin supplies one helix and the protein encoded by this gene contributes the other two. Therefore; this gene product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. Two alternative transcript variants encoding different protein isoforms have been described for this gene.?

Synonyms:

bA416N4.2; dj1068F16.2; RIC-4; RIC4; SEC9; SNAP; SNAP-25

Protein Families:

Druggable Genome

Protein Pathways:

SNARE interactions in vesicular transport

Product images:

Gel: 12%SDS-PAGE

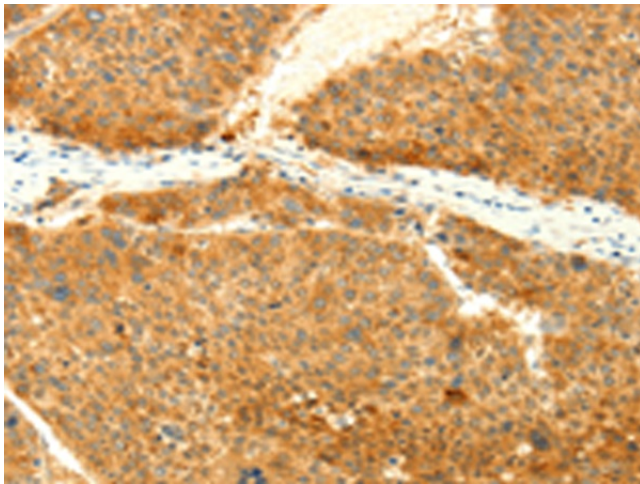
Lysate: 40 µg

Lane: HeLa cells

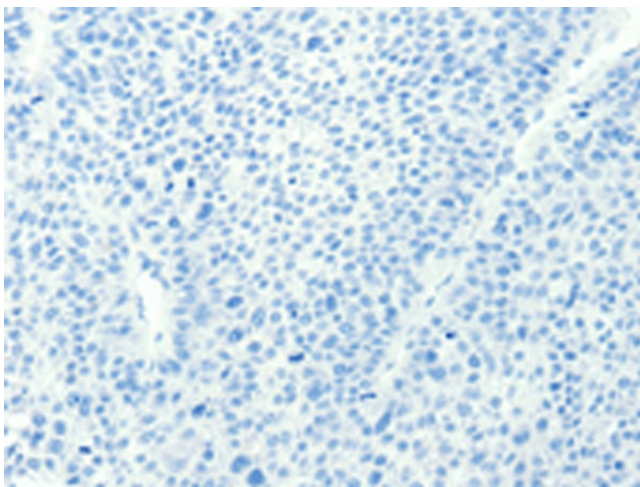
Primary antibody: [TA322908] (SNAP25 Antibody)
at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

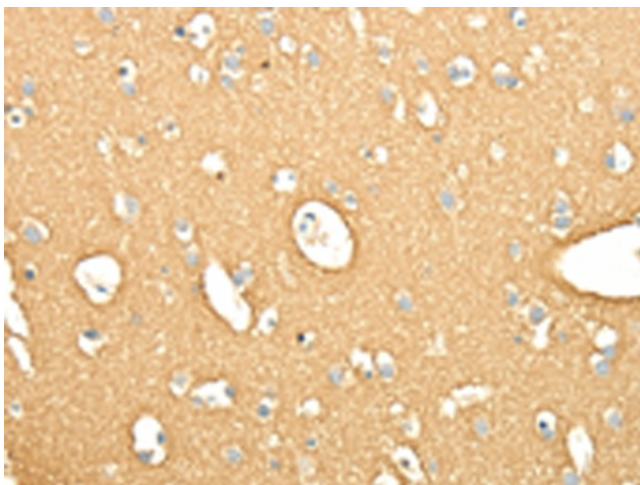
Exposure time: 3 seconds



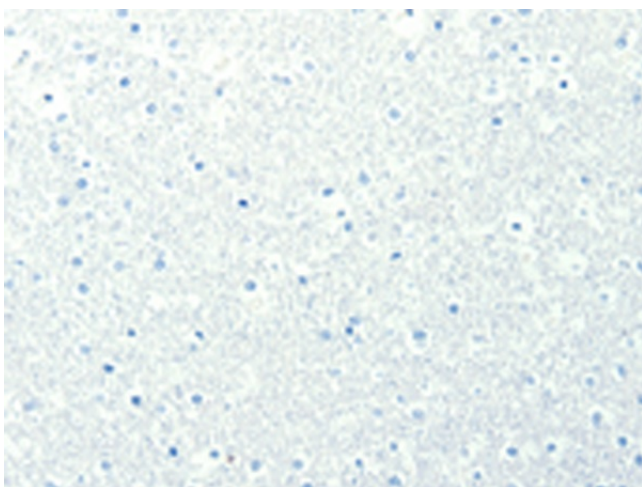
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA322908] (SNAP25 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA322908] (SNAP25 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322908] (SNAP25 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322908] (SNAP25 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)