

Product datasheet for **TA324207S**

Synaptotagmin VII (SYT7) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: SKOV3 cells IHC: 15-50 Positive control: Human liver cancer Predicted cell location: Cytoplasm, Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 54-200 amino acids of human synaptotagmin VII
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
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:	46 kDa
Gene Name:	synaptotagmin 7
Database Link:	NP_001238994 Entrez Gene 54525 Mouse Entrez Gene 9066 Human O43581



[View online »](#)

Background:

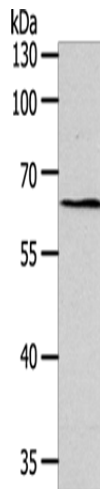
This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. A similar protein in rodents mediates hormone secretion and lysosome exocytosis. In humans, expression of this gene has been associated with prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Synonyms:

IPCA-7; IPCA7; PCANAP7; SYT-VII; SYTVII

Protein Families:

Secreted Protein, Transmembrane

Product images:

Gel: 10%SDS-PAGE

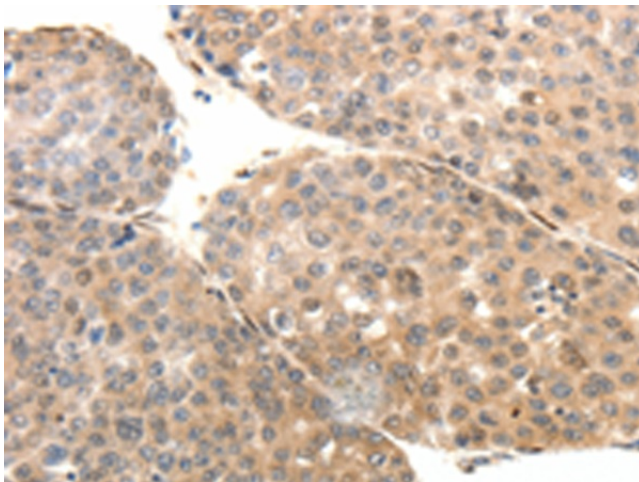
Lysate: 40 µg

Lane: SKOV3 cells

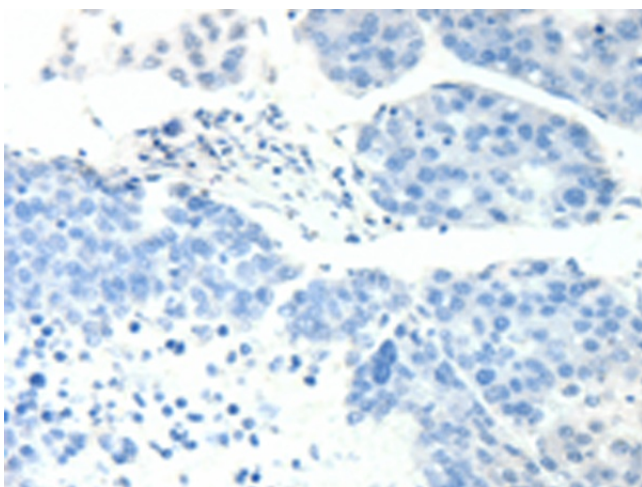
Primary antibody: [TA324207] (SYT7 Antibody) at dilution 1/200

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

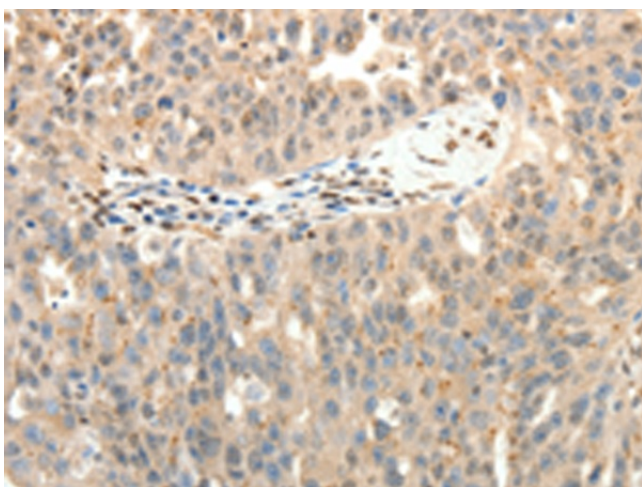
Exposure time: 5 minutes



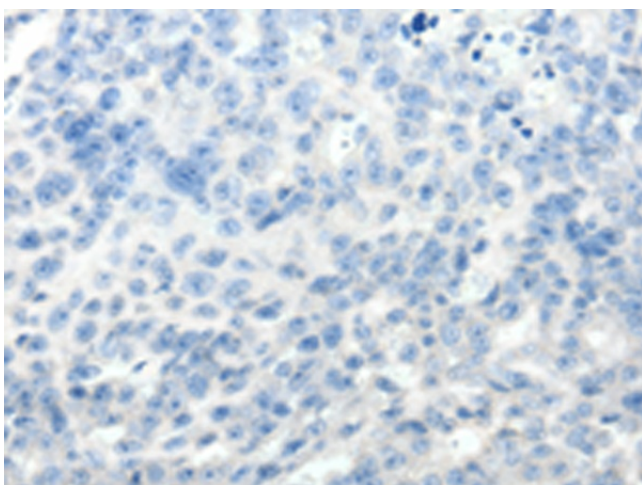
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA324207] (SYT7 Antibody) at dilution 1/15 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA324207] (SYT7 Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA324207] (SYT7 Antibody) at dilution 1/15 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA324207] (SYT7 Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: ×200)