

**Anti-SYT4 antibody (38-190) (STJ110048)**  
STJ110048

**GENERAL INFORMATION**

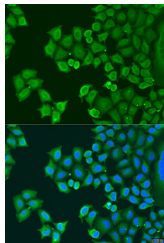
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

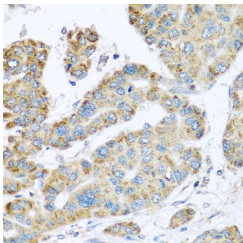
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

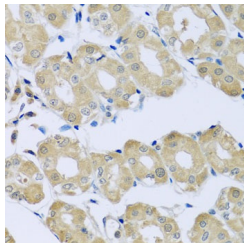
<b>Gene ID</b>	6860
<b>Gene Symbol</b>	SYT4
<b>Uniprot ID</b>	SYT4_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	38-190
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 38-190 of human SYT4 (NP_065834.1).
<b>Immunogen Sequence</b>	CQRKSSKSNKTPPYKFVHVL KGVDIYPENLNSKKKFGADD KNEVKNKPAVPKNSLHLDLE KRDLNGNFPKTNLKPSPSD LENATPKLFLGEKESVSPE SLKSSTSLTSEEKQEKLTGL FFSLEYNFERKAFVNIKEA RGLPAMDEQSMTS



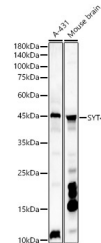
Immunofluorescence analysis of U2OS cells using SYT4 Rabbit polyclonal antibody (STJ110048) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of SYT4 in paraffin-embedded human liver cancer using SYT4 Rabbit polyclonal antibody (STJ110048) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of SYT4 in paraffin-embedded human stomach using SYT4 Rabbit polyclonal antibody (STJ110048) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates, using SYT4 Rabbit polyclonal antibody (STJ110048) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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