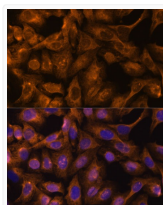
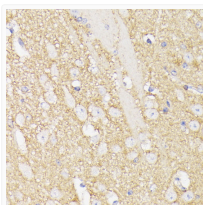


Anti-SEPT5 antibody (1-369) (STJ114819)

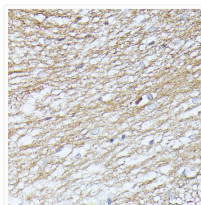
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:100-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 43kDa Observed Mw: 43kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
TARGET INFORMATION	
Gene ID	5413
Gene Symbol	SEPTIN5
UniProt ID	SEPT5_HUMAN
Immunogen Region	1-369
Immunogen Sequence	MSTGLRYKSKLATPEDKQDI DKQYVGFATLPNQVHRKSVK KGFDFTLMVAGESGLGKSTL VHSLFLTDLYKDRKLLSAEE RISQTVEILKHTVDIEEKGV KLKLTIVDTPGFGDAVNNT CWKPITDYVDQQFEQYFRDE SGLNRKNIQDNRVHCCLYFI SPFGHGLRPVDVGFMKALHE KVNIVPLIAKADCLVPSEIR KLKERIREEIDKFGIHVYQF PECDSEDEDFKQQDRELK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-369 of human Septin 5 (NP_002679.2).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



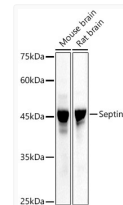
Immunofluorescence analysis of U-2 OS cells using Septin 5 Rabbit polyclonal antibody (STJ114819) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of Septin 5 in paraffin-embedded mouse brain using Septin 5 Rabbit polyclonal antibody (STJ114819) 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 Septin 5 in paraffin-embedded rat brain using Septin 5 Rabbit polyclonal antibody (STJ114819) 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 Septin 5 Rabbit polyclonal antibody (STJ114819) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.