

Anti-SEPT2 antibody (112-361) (STJ28365)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

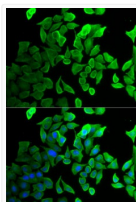
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 41kDa Observed Mw: 41kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

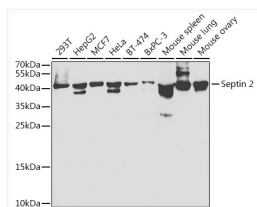
Gene ID	4735
Gene Symbol	SEPTIN2
UniProt ID	SEPT2_HUMAN
Immunogen Region	112-361
Immunogen Sequence	RDCFKTIISYIDEQFERYLH DESGLNRRHIIDNRVHCCFY FISPFGHGLKPLDVAFMKAI HNKVNIVPVIKADTLTKE RERLKKRILDEIEEHNIKIY HLPDAESDEDEDFKEQTRLL KASIPFSVVGSNQLIEAKGK KVRGRLYPWGVVEVENPEHN DFLKLRTMLITHMQDLQEV TQDLHYENFRSERLKRGGGRKV ENEDMNKDQILLEKEAELRR MQEMIARMQAQMGMQMG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 112-361 of human Septin 2 (NP_004395.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of U2OS cells using Septin 2 antibody (STJ28365). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using Septin 2 antibody (STJ28365) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.