

Anti-Fibrillarin/U3 RNP antibody (100-321 aa) (STJ11106039)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

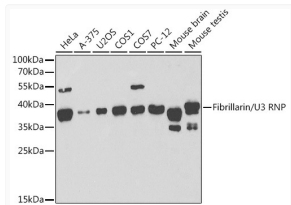
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize 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: 34kDa Observed Mw: 36kDa
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	2091
Gene Symbol	FBL
UniProt ID	FBRL_HUMAN
Immunogen Region	100-321 aa
Immunogen Sequence	RGKEDALVTKNLVPGESVYG EKRVSISEGDDKIEYRAWNP FRSKLAAAILGGVDQIHIKP GAKVLYLGAASGTTVSHVSD IVGPDGLVYAVEFSHRSGRD LINLAKKRTNIIPVIEDARH PHKYRMLIAMVDVIFADVAQ PDQTRIVALNAHTFLRNGGH FVISIKANCIDSTASAEAVF ASEVKKMQQENMKPQEQQLTL EPYERDHAVVGVYRPPPKV KN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 100-321 of human Fibrillarin/U3 RNP (NP_001427.2).

ADDITIONAL INFORMATION

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

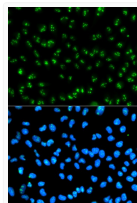


Western blot analysis of various lysates using Fibrillarin/U3 RNP Rabbit pAb (STJ11106039) at 1:1000 dilution.

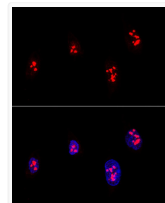
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 Mu g per lane.

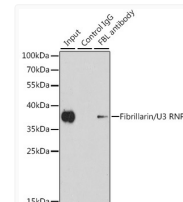
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of HeLa cells using Fibrillarin/U3 RNP Rabbit pAb (STJ11106039) at dilution of 1:100. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of U-2OS cells using Fibrillarin/U3 RNP Rabbit pAb (STJ11106039) at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells using 1 Mu g Fibrillarin/U3 RNP antibody (STJ11106039). Western blot was performed from the immunoprecipitate using Fibrillarin/U3 RNP antibody (STJ11106039) at a dilution of 1:1000.