

Anti-CPS1 antibody (820-930) (STJ11104303)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

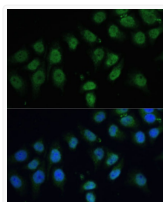
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 165kDa Observed Mw: 165kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

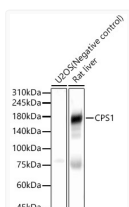
Gene ID	1373
Gene Symbol	CPS1
UniProt ID	CPSM_HUMAN
Immunogen Region	820-930
Immunogen Sequence	RMCHPSIEGFTPLPMNKEW PSNLDLRKELSEPSSTRIYA IAKAIDNMSLDEIEKLYI DKWFLYKMRDILNMEKTLKG LNSESMTEETLKRAKEIGFS DKQISKCLGLT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 820-930 of human CPS1 (NP_001116105.1).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of HeLa cells using CPS1 Polyclonal Antibody (STJ11104303) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using CPS1 Rabbit polyclonal antibody (STJ11104303) at 1:500 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: 60s.