

Anti-Phospho-POLR2A-S2 antibody (STJ116378)

STJ116378

GENERAL INFORMATION

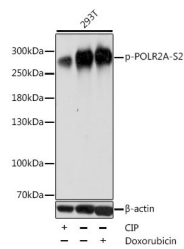
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-POLR2A-S2 is suitable for use in Western Blot, Immunofluorescence and Immunoprecipitation.
Applications	WB, IF, IP
Host/Source	Rabbit
Reactivity	Human, Rat

PRODUCT PROPERTIES

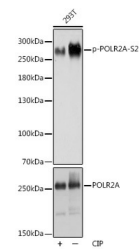
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:1000-1:2000 IF 1:50-1:100 IP 1:50-1:100
Formulation	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at -20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

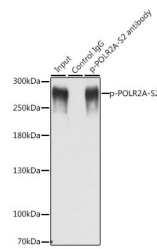
Gene ID	5430
Gene Symbol	POLR2A
Uniprot ID	RPB1_HUMAN
Immunogen	A phospho specific peptide corresponding to residues surrounding S2 of human POLR2A
Immunogen Region	
Specificity	
Immunogen Sequence	



Western blot analysis of extracts of 293T cells, using Phospho-POLR2A-S2 antibody (STJ116378) at 1:1000 dilution. 293T cell lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37 °C for 1 hour or treated by Doxorubicin (0.5uM) for 24 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of 293T cells, using Phospho-POLR2A-S2 polyclonal antibody (STJ116378) at 1:1000 dilution or POLR2A antibody (STJ25045). 293T cells were treated by CIP (20ul/400ul) at 37 °C for 1 hour. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Immunoprecipitation analysis of 200ug extracts of MCF-7 cells, using 3 ug Phospho-POLR2A-S2 polyclonal antibody (STJ116378). Western blot was performed from the immunoprecipitate using Phospho-POLR2A-S2 polyclonal antibody (STJ116378) at a dilution of 1:1000. MCF7 cells were treated by nocodazole (50 ng/mL) at 37 °C for 20 hours.

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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