



POLR3E Polyclonal Antibody

Catalog No	YP-Ab-01953
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	POLR3E
Immunogen	The antiserum was produced against synthesized peptide derived from human RPC5. AA range:191-240
Specificity	POLR3E Polyclonal Antibody detects endogenous levels of POLR3E protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA1452;POLR3E;RNA polymerase III subunit C5;RPC5;SIN;DNA-directed RNA polymerase III subunit RPC5;DNA-directed RNA polymerase III 80 kDa polypeptide
Observed Band	80kD
Calculated Molecular Weight	80kD
Cell Pathway	Nucleus.
Tissue Specificity	Brain, Eye, Liver, Teratocarcinoma,
Function	function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Essential for efficient transcription from both the type 2 VAI and type 3 U6 RNA polymerase III promoters.,subunit:Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits (By similarity). Interacts with POLR3D/RPC4.,

**Background**

function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Essential for efficient transcription from both the type 2 VAI and type 3 U6 RNA polymerase III promoters.,subunit:Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits (By similarity). Interacts with POLR3D/RPC4.,

matters needing attention

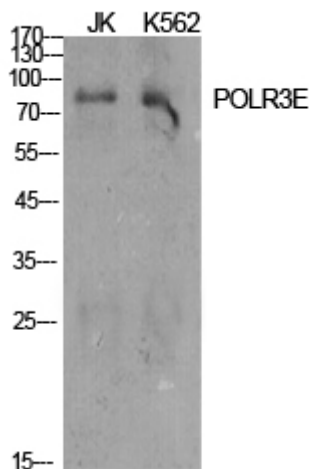
Avoid repeated freezing and thawing!

Usage suggestions

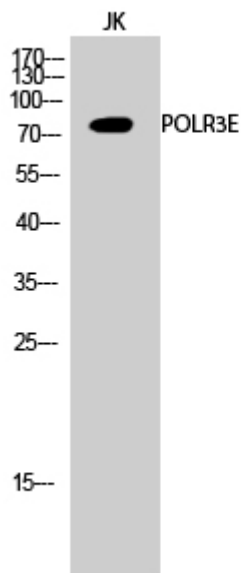
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



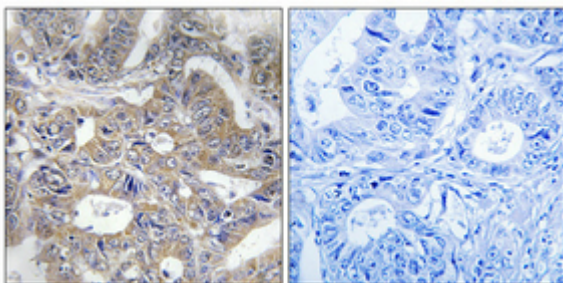
Products Images



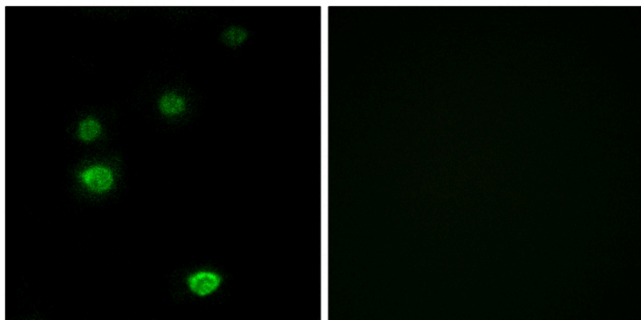
Western Blot analysis of various cells using POLR3E Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



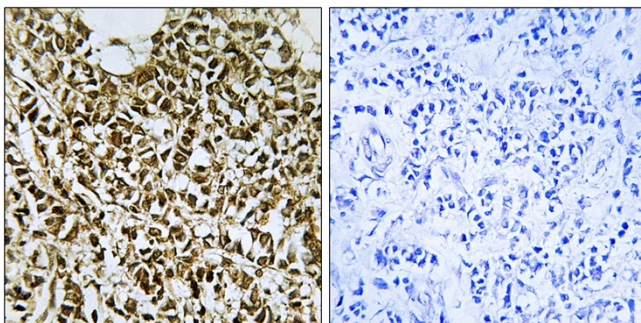
Western Blot analysis of JK cells using POLR3E Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded Human colon cancer. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunofluorescence analysis of LOVO cells, using RPC5 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RPC5 Antibody. The picture on the right is blocked with the synthesized peptide.