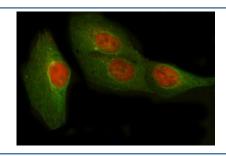


POLR2D Antibody / RNA polymerase II subunit RPB4 (RQ8137)

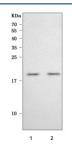
Catalog No.	Formulation	Size
RQ8137	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O15514
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This POLR2D antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with POLR2D antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) MCF7 and 2) 293T cell lysate with POLR2D antibody. Predicted molecular weight \sim 16 kDa.

Description

DNA-directed RNA polymerase II subunit RPB4 is an enzyme that in humans is encoded by the POLR2D gene. This gene encodes the fourth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. In yeast, this polymerase subunit is associated with the polymerase under suboptimal growth conditions and may have a stress protective role. A sequence for a ribosomal pseudogene is contained within the 3' untranslated region of the transcript from this gene.

Application Notes

Optimal dilution of the POLR2D antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D7-D124) was used as the immunogen for the POLR2D antibody.

Storage

After reconstitution, the POLR2D antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.