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Product datasheet for TA332448

POLR2D Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IP, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:10 - 1:100
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human POLR2D
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16 kDa
Gene Name:	polymerase (RNA) II subunit D
Database Link:	NP_004796 Entrez Gene 69241 MouseEntrez Gene 5433 Human O15514
Background:	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.
Synonyms:	HSRBP4; HSRPB4; RBP4; RPB16
Protein Families:	Transcription Factors

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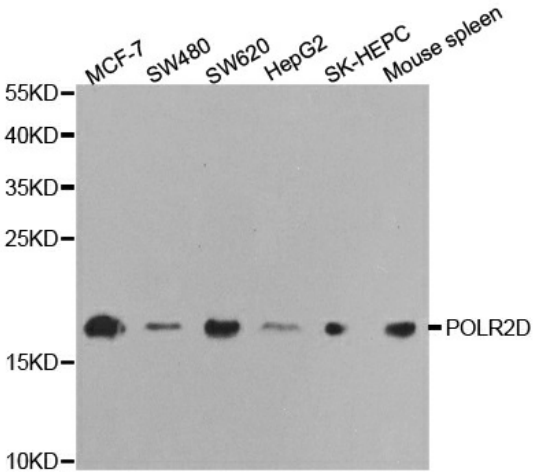
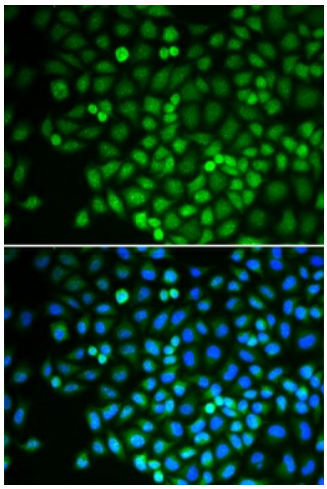
Protein Pathways: Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

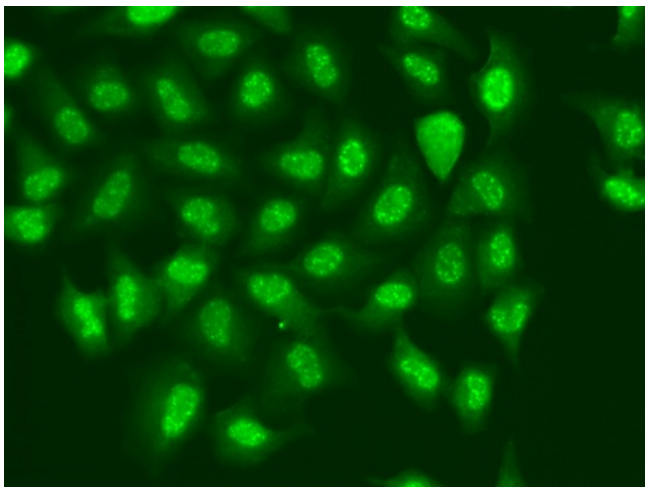
Product images:



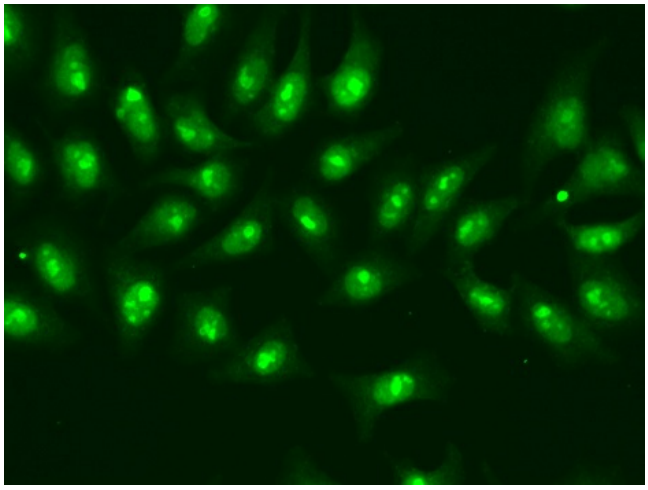
Western blot analysis of extracts of various cell lines, using POLR2D antibody.



Immunofluorescence analysis of U2OS cell using POLR2D antibody. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A549 cell using POLR2D antibody.



Immunofluorescence analysis of A549 cell using POLR2D antibody.