

Product datasheet for **TA308043**

POLR2G Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Rat, Bovine, Rhesus Monkey, Mouse)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment contain a sequence corresponding to a region within amino acids 1 and 122 of RNA polymerase II α (Uniprot ID#P62487)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	polymerase (RNA) II subunit G
Database Link:	NP_002687 Entrez Gene 67710 Mouse Entrez Gene 117017 Rat Entrez Gene 5436 Human P62487
Background:	This gene encodes the seventh largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The protein functions in transcription initiation, and is also thought to help stabilize transcribing polymerase molecules during elongation. [provided by RefSeq]
Synonyms:	hRPB19; hsRPB7; RPB7; RPB19
Note:	Seq homology of immunogen across species: Mouse (100%), Rat (100%), Rhesus Monkey (100%), Bovine (100%)

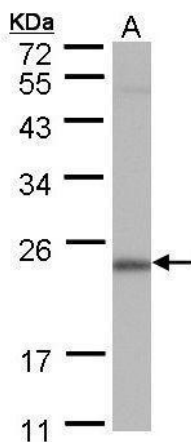


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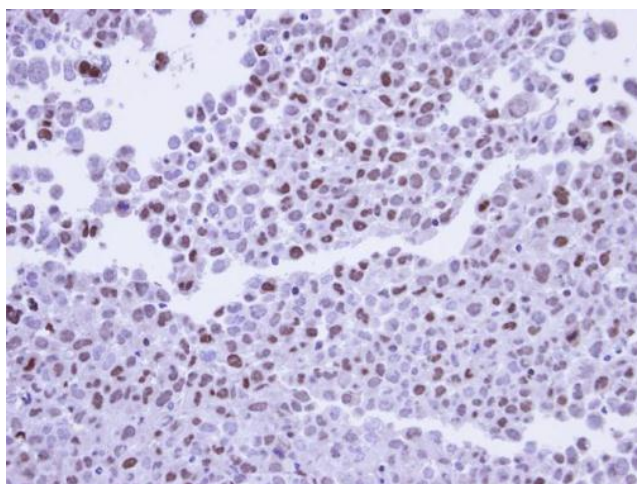
Protein Families: Transcription Factors

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

Product images:



Sample (30 ug of whole cell lysate). A: A431. 12% SDS PAGE. TA308043 diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded CL1-5 xenograft, using POLR2G (TA308043) antibody at 1:500 dilution.