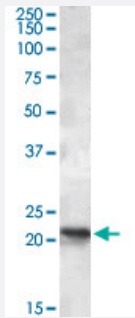


POLR2G polyclonal antibody

Catalog # PAB16252 Size 100 ug

Applications



Western Blot (Tissue lysate)

POLR2G polyclonal antibody (Cat # PAB16252) staining (1-3 ug/mL) of human brain (cerebellum) lysates (calculated MW of 19.3 KDa according to NP_002687.1).

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of POLR2G.
Immunogen	A synthetic peptide corresponding to amino acids at internal region human POLR2G.
Sequence	EFDPNSNPPCYK
Host	Goat
Theoretical MW (kDa)	19.3
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:1000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

POLR2G polyclonal antibody (Cat # PAB16252) staining (1-3 ug/mL) of human brain (cerebellum) lysates (calculated MW of 19.3 KDa according to NP_002687.1).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — POLR2G

Entrez GeneID[5436](#)**Protein Accession#**[NP_002687.1](#)**Gene Name**

POLR2G

Gene Alias

MGC138367, MGC138369, RPB7, hRPB19, hsRPB7

Gene Description

polymerase (RNA) II (DNA directed) polypeptide G

Omim ID[602013](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

DNA directed RNA polymerase II 19 kda polypeptide|DNA directed RNA polymerase II polypeptide G|RNA polymerase II seventh subunit

Publication Reference

- [Genomic location of the human RNA polymerase II general machinery: evidence for a role of TFIIF and Rpb7 at both early and late stages of transcription.](#)

Cojocaru M, Jeronimo C, Forget D, Bouchard A, Bergeron D, Cote P, Poirier GG, Greenblatt J, Coulombe B.

The Biochemical Journal 2008 Jan; 409(1):139.

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)
- [RNA polymerase](#)