

Datasheet for ABIN2783467
anti-POLR2H antibody (N-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	POLR2H
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR2H antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human POLR2H
Sequence:	DLGDKFRLVI ASTLYEDGTL DDGEYNPTDD RPSRADQFEY VMYGKVYRIE
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against POLR2H. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	POLR2H
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Target Details

Alternative Name: POLR2H ([POLR2H Products](#))

Background: POLR2H is one of the essential subunits of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III. This gene encodes one of the essential subunits of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. This gene encodes a member of the E2F transcription factor protein family. E2F family members play a crucial role in control of the cell cycle and of the action of tumor suppressor proteins. They are also a target of the transforming proteins of small DNA tumor viruses. Many E2F proteins contain several evolutionarily conserved domains: a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. The encoded protein of this gene is atypical because it lacks the transactivation and tumor suppressor protein association domains. It contains a modular suppression domain and is an inhibitor of E2F-dependent transcription. The protein is part of a multimeric protein complex that contains a histone methyltransferase and the transcription factors Mga and Max. Multiple transcript variants have been reported for this gene, but it has not been clearly demonstrated that they encode valid isoforms. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-400 AU142999.1 1-400 401-907 BI772069.1 287-793 908-1792 BC008348.1 928-1812 1793-3185 AC099344.4 111461-112853 c

Alias Symbols: RPABC3, RPB17, RPB8, hsRPB8

Protein Interaction Partner: TCEB3, SRC, PSMB9, ESR1, CEP57, RNF2, SNRNP200, SART3, POLR2E, DNMT3B, DNMT3A, BAG3, POLR2C, MED19, METTL18, MED26, UBC, POLR3D, POLR3H, POLR3B, POLR1A, POLR3A, POLR1C, NEDD8, Atf7ip, SUMO2, INTS10, POLR2D, POLR2A, BRCA1, BARD1, INTS5, INTS3, INTS6, INTS1

Protein Size: 150

Molecular Weight: 17 kDa

Gene ID: 5437

NCBI Accession: [NM_006232](#), [NP_006223](#)

UniProt: [P52434](#)

Pathways: [Regulatory RNA Pathways](#)

Application Details

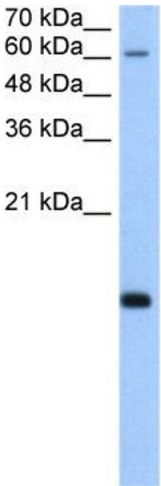
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 150 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Hamada, Tashiro, Tada, Inazawa, Shirozu, Shibahara, Nakamura, Martina, Nakano, Honjo: "Isolation and characterization of a novel secretory protein, stromal cell-derived factor-2 (SDF-2) using the signal sequence trap method." in: Gene , Vol. 176, Issue 1-2, pp. 211-4, (1997) (PubMed).
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Western Blotting

Image 1. WB Suggested Anti-POLR2H Antibody Titration:
5.0ug/ml Positive Control: HepG2 cell lysate POLR2H is supported by BioGPS gene expression data to be expressed in HepG2