

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## RNA POLYMERASES I/II/III SUBUNIT ABC1 RABBIT MAB

Cat.#: N262740

**Product Name:** Anti-RNA Polymerases I/II/III Subunit ABC1 Rabbit Monoclonal Antibody

Synonyms: RPB5; XAP4; RPABC1; hRPB25; hsRPB5

UNIPROT ID: P19388

**Background:** DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional noncoding RNAs, and small RNAs, such as 5S rRNA and tRNAs, respectively. Pol II is the central component of the basal RNA polymerase II transcription machinery. Pols are composed of mobile elements that move relative to each other. In Pol II, POLR2E/RPB5 is part of the lower jaw surrounding the central large cleft and thought to grab the incoming DNA template. Seems to be the major component in this process .

**Immunogen:** A synthetic peptide of human POLR2E

Applications: WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R05-8J5

MW: Calculated MW: 25 kDa; Observed MW: 25 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

Conjugation: Unconjugated

Modification: Unmodified

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

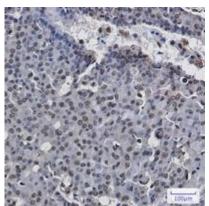
**Research Areas:** Epigenetics and Nuclear Signaling

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

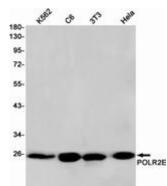


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Immunohistochemistry analysis of paraffin-embedded Human W breast cancer using POLR2E KS antibody.High-pressure and RN temperature Sodium Citrate pH AN 6.0 was used for antigen retrieval.



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Western blot analysis of POLR2E in K562, C6, 3T3, Hela lysates using RNA Polymerases I/II/III Subunit ABC1 antibody.