

POLR3K polyclonal antibody

Catalog: BS60146

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Eukaryotes produce 3 distinct classes of RNA polymerase, Pol I, II and III. Each polymerase is responsible for the synthesis of a different class of RNA. RNA polymerase III (Pol III) transcribes the 5S rRNA genes and all of the tRNA (transfer RNA) genes. POLR3K, also known as DNA-directed RNA polymerase III subunit RPC11, is a 108 amino acid nuclear protein that is one of the seventeen subunits that comprise Pol III. Specifically, POLR3K is a DNA-dependent RNA polymerase that uses the four ribonucleoside triphosphates to catalyze the transcription of DNA to RNA. The gene encoding POLR3K maps to human chromosome 16, which encodes over 900 genes in approximately 90 million base pairs and is associated with a variety of genetic disorders.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 12 kDa

Swiss-Prot:

Q9Y2Y1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

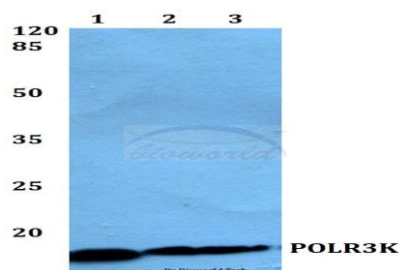
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

POLR3K polyclonal antibody detects endogenous levels of POLR3K protein.

DATA:



Western blot (WB) analysis of POLR3K polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate

Lane2:Mouse lung tissue lysate

Lane3:H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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