

POLR2K polyclonal antibody

Catalog: BS60149

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

RNA polymerase II (Pol II) is a multi-subunit enzyme responsible for the transcription of protein-coding genes. Transcription initiation requires recruitment of the complete transcription machinery to a promoter via solicitation by activators and chromatin remodeling factors. Pol II can coordinate 10 to 14 subunits. This complex interacts with the promoter regions of genes and a variety of elements and transcription factors. POLR2K (polymerase (RNA) II (DNA directed) polypeptide K), also known as RPB12, RPABC4, RPB7.0, hRPB7.0, hsRPB10a, RPB10alpha or ABC10-alpha, is a 58 amino acid nuclear protein belonging to the archaeal rpoP/eukaryotic RPC10 RNA polymerase subunit family. The gene encoding POLR2K is located on human chromosome 8, which consists of nearly 146 million base pairs, houses more than 800 genes and is associated with a variety of diseases and malignancies.

Product:

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

Molecular Weight:

~ 7 kDa

Swiss-Prot:

P53803

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

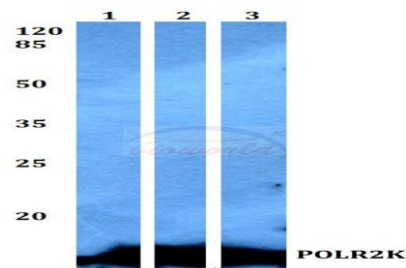
Storage&Stability:

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

Specificity:

POLR2K polyclonal antibody detects endogenous levels of POLR2K protein.

DATA:



Western blot (WB) analysis of POLR2K polyclonal antibody at 1:500 dilution

Lane1:DLD whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

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

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