

BOP1 Recombinant antibody

Cat: B36128S**Company:** HaoKebio**Uniprot ID:** Q14137**Applications:** IHC:1:500-1:2000**Organism:** Rabbit

IHC-Polymer:1:2000-1:8000

Species reactivity: Human Mouse Rat

IHC-TSA:1:2500-1:10000

Molecular Weight Calculation: 84 kDa

IF:1:50-1:100

Observed Molecular Weight: 117 kDa

WB:1:5000-1:50000

Background:

Block of Proliferation 1(BOP1) protein was first isolated from a mouse, and the truncation protein may led to cell cycle arrest. Bop1 plays a role in processing of the 28S and 5.8S rRNAs (ribosomal RNAs) to regulate ribosome biogenesis. And Bop1 also act as a component of Pes1/Bop1/WD R21 (PeBoW) complex for mature 60S ribosome, and consequently acts during cell division at G1 checkpoints. What's more, abnormal expression of BOP1 was associated with liver or colorectal cancers. The molecular weight of the protein we detected was slightly higher, about 117 kd, which is also seen in the article.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Source of Reagents:

发表[中文论文]请标注:BOP1(B36128S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:BOP1(B36128S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Synonyms:

KIAA0124, block of proliferation 1, 3A4

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.