



# BOP1 rabbit pAb

Cat No.:ES10183

For research use only

## Overview

<b>Product Name</b>	BOP1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 110-190
<b>Specificity</b>	BOP1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Ribosome biogenesis protein BOP1 (Block of proliferation 1 protein)
<b>Gene Name</b>	BOP1 KIAA0124
<b>Cellular localization</b>	Nucleus, nucleolus . Nucleus, nucleoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	82kD
<b>Human Gene ID</b>	23246
<b>Human Swiss-Prot Number</b>	Q14137
<b>Alternative Names</b>	
<b>Background</b>	function:Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.,induction:By MYC.,similarity:Belongs to the WD repeat BOP1/ERB1 family.,similarity:Contains 7 WD repeats.,subunit:Component of the PeBoW complex, composed of bop1, pes1 and wdr12. Within the



**ELK Biotechnology**

PeBoW complex bop1 interacts directly with pes1 and wdr12. The PeBoW complex also associates with the 66S pre-ribosome.,