

ARG45562 anti-BOP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes BOP1
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BOP1
Species	Human
Immunogen	Recombinant protein containing to human BOP1.
Conjugation	Un-conjugated
Alternate Names	BOP1; BOP1 Ribosomal Biogenesis Factor; KIAA0124; Ribosome Biogenesis Protein BOP1; Block Of Proliferation 1; Block Of Proliferation 1 Protein

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	110 kDa	

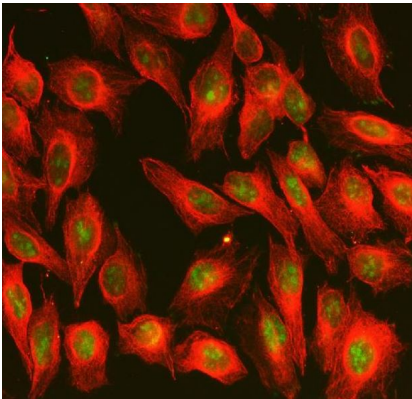
Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

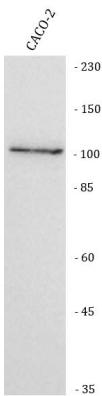
Gene Symbol	BOP1
Gene Full Name	BOP1 Ribosomal Biogenesis Factor
Background	Enables RNA binding activity. Involved in regulation of cell cycle; regulation of signal transduction by p53 class mediator; and ribosomal large subunit biogenesis. Located in chromosome; nucleolus; and nucleoplasm. Part of PeBoW complex. [provided by Alliance of Genome Resources, Feb 2025]
Function	Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome. [UniProt]
Calculated Mw	84 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



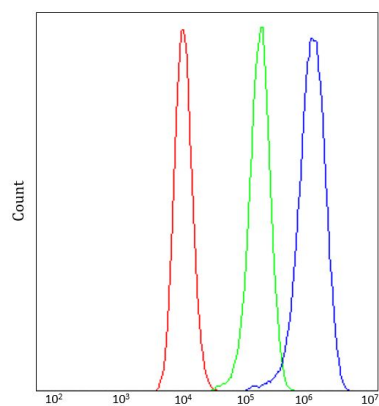
ARG45562 anti-BOP1 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45562 anti-BOP1 antibody at 5 µg/ml dilution.



ARG45562 anti-BOP1 antibody WB image

Western blot: CACO-2 stained with ARG45562 anti-BOP1 antibody at 0.5 µg/ml dilution.



ARG45562 anti-BOP1 antibody FACS image

Flow Cytometry: CACO-2 stained with ARG45562 anti-BOP1 antibody at 1 µg/10⁶ cells dilution.