BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Phospho POLR2A (Ser1619) Antibody

Catalog Number: P30431

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Overview

Product Name	Anti-Phospho POLR2A (Ser1619) Antibody
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-Phospho POLR2A (Ser1619) Antibody (Catalog# P30431). Tested in WB, IHC, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat, Monkey.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	PBS containing 50% glycerol, 0.5% stabilizing protein and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short-term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P24928

Technical Details

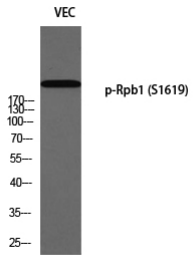
Immunogen	The antiserum was produced against synthesized peptide derived from human POLR2A around the phosphorylation site of Ser1619. AA range:1585-1634
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using

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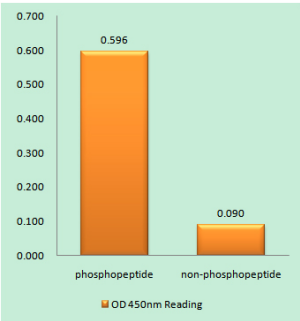
	corresponding non-phospho peptide.
Suggested Dilutions	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ICC/IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.

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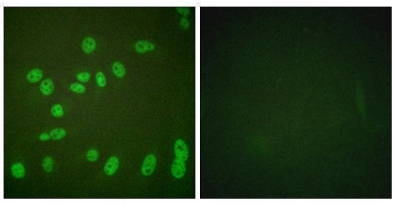
Anti-Phospho POLR2A (Ser1619) Antibody (P30431) Images



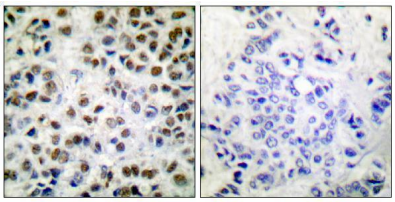
Western blot analysis of VEC using p-Rpb1 (S1619) antibody. Antibody was diluted at 1:2000.



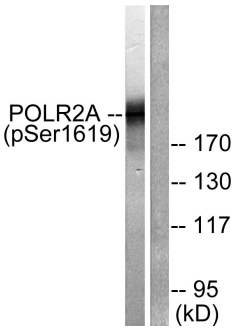
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using POLR2A (Phospho-Ser1619) Antibody



Immunofluorescence analysis of HeLa cells treated with PMA 125ng/ml 30', using POLR2A (Phospho-Ser1619) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using POLR2A (Phospho-Ser1619) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from COS7 cells treated with EGF 200ng/ml 30', using POLR2A (Phospho-Ser1619) Antibody. The lane on the right is blocked with the phospho peptide.

1 Publications Citing This Product

1. PubMed ID: 28848320, Heparanase mediates vascular endothelial growth factor gene transcription in high-glucose human retinal microvascular endothelial cells.

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