

# Product Datasheet

## GCN2 Antibody - BSA Free

### NB100-1593

Unit Size: 100 ul

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 1

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**NB100-1593**

GCN2 Antibody - BSA Free

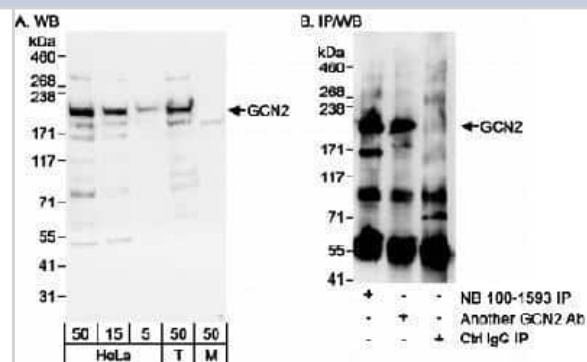
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Description	Novus Biologicals Rabbit GCN2 Antibody - BSA Free (NB100-1593) is a polyclonal antibody validated for use in WB and IP. Anti-GCN2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	440275
Gene Symbol	EIF2AK4
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1 and 50 of human GCN2 (eIF2AK4, eukaryotic translation initiation factor 2 alpha kinase 4) using the numbering given in entry NP_001013725.2 (GeneID 440275).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000-1:15000, Immunoprecipitation 2-5 ug/mg lysate

**Images**

Western Blot: GCN2 Antibody [NB100-1593] - Detection of Human GCN2 on HeLa whole cell lysate using NB100-1593. GCN2 was also immunoprecipitated using another GCN2 Ab.



## Publications

Rahmani M, Davis EM, Crabtree TR et al. The kinase inhibitor sorafenib induces cell death through a process involving induction of endoplasmic reticulum stress. *Mol Cell Biol.* 2007-08-01 [PMID: 17548474]

### Details:

WB: Fig 3A, U937 human leukemia cells treated with sorafenib. Sorafenib is a multikinase inhibitor that induces apoptosis in human leukemia and other malignant cells. The authors show a decline in ATF6 (90 kDa band) expression in sorafenib-treated cells.





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### **Products Related to NB100-1593**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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