# **Product Datasheet**

## Rif1 Antibody NBP2-26129

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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## NBP2-26129

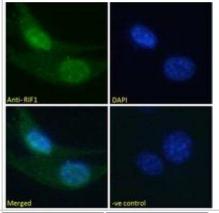
Rif1 Antibody

Unit Size 0.1 mg Concentration 0.5 mg/ml Storage Store at -20C. Avoid freeze-thaw cycles. Clonality Polyclonal Preservative 0.02% Sodium Azide Isotype IgG Purity Immunogen affinity purified Buffer Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA  Product Description Description Novus Biologicals Goat Rif1 Antibody (NBP2-26129) is a polyclonal antibody validated for use in ELISA and ICC/IF. Anti-Rif1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. Goat Gene ID 55183 Gene Symbol RIF1 Species Human, Mouse Specificity/Sensitivity This antibody is expected to recognize both reported isoforms (NP_060621.3; NP_001171134.1). The immunizing peptide sequence has been optimised for cross-reactiviy in mouse. Reported variants represent identical protein: NP_001171135.1, NP_001171135.1, NP_001171134.1.  Immunogen Peptide with sequence C-RNLQSRWRSPSHEN corresponding to C-Terminus according to NP_060621.3, NP_001171134.1.  Product Application Details Applications Immunocytochemistry/ Immunofluorescence, Peptide ELISA	INIT Antibody	
Concentration 0.5 mg/ml  Storage Store at -20C. Avoid freeze-thaw cycles.  Clonality Polyclonal  Preservative 0.02% Sodium Azide  Isotype IgG  Purity Immunogen affinity purified  Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA  Product Description  Description Novus Biologicals Goat Rif1 Antibody (NBP2-26129) is a polyclonal antibody validated for use in ELISA and ICC/IF. Anti-Rif1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.  Goat  Gene ID 55183  Gene Symbol RIF1  Species Human, Mouse  Specificity/Sensitivity This antibody is expected to recognize both reported isoforms (NP_060621.3; NP_001171134.1). The immunizing peptide sequence has been optimised for cross-reactiviy in mouse. Reported variants represent identical protein: NP_001171135.1, NP_001171135.1, NP_001171134.1  Immunogen Peptide with sequence C-RNLQSRWRSPSHEN corresponding to C-Terminus according to NP_060621.3, NP_001171134.1.  Product Application Details  Applications Immunocytochemistry/ Immunofluorescence, Peptide ELISA Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection	Product Information	
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Preservative  Isotype  IgG  Purity  Immunogen affinity purified  Buffer  Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA  Product Description  Description  Novus Biologicals Goat Rif1 Antibody (NBP2-26129) is a polyclonal antibody validated for use in ELISA and ICC/IF. Anti-Rif1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.  Goat  Gene ID  Species  Human, Mouse  Specificity/Sensitivity  This antibody is expected to recognize both reported isoforms (NP_060621.3; NP_001171134.1). The immunizing peptide sequence has been optimised for cross-reactivity in mouse. Reported variants represent identical protein: NP_001171135.1, NP_001171136.1, NP_001171134.1  Immunogen  Peptide with sequence C-RNLQSRWRSPSHEN corresponding to C-Terminus according to NP_060621.3, NP_001171134.1.  Product Application Details  Applications  Immunocytochemistry/ Immunofluorescence, Peptide ELISA  Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection	Storage	Store at -20C. Avoid freeze-thaw cycles.
IgG	Clonality	Polyclonal
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Recommended Dilutions Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection	Product Application Details	
	Applications	Immunocytochemistry/ Immunofluorescence, Peptide ELISA
	Recommended Dilutions	

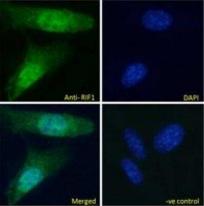


#### **Images**

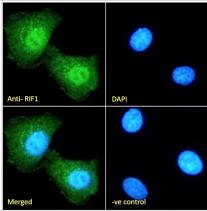
Immunocytochemistry/Immunofluorescence: Rif1 Antibody [NBP2-26129] - Analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunocytochemistry/Immunofluorescence: Rif1 Antibody [NBP2-26129] - Analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunocytochemistry/Immunofluorescence: Rif1 Antibody [NBP2-26129] - Immunofluorescence analysis of paraformaldehyde fixed HEK293 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and some cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



#### **Publications**

Wang H, Zhao A, Chen L et al. Human RIF1 encodes an anti-apoptotic factor required for DNA repair. Carcinogenesis 2009-08-01 [PMID: 19483192]





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### **Products Related to NBP2-26129**

HAF017 Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish

Peroxidase)]

HAF109 Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish

Peroxidase)]

NB410-28088-1mg Goat IgG Isotype Control

NBP2-47302PEP Rif1 Recombinant Protein Antigen

#### 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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