

nrdD Polyclonal Antibody

Catalog No: #42600

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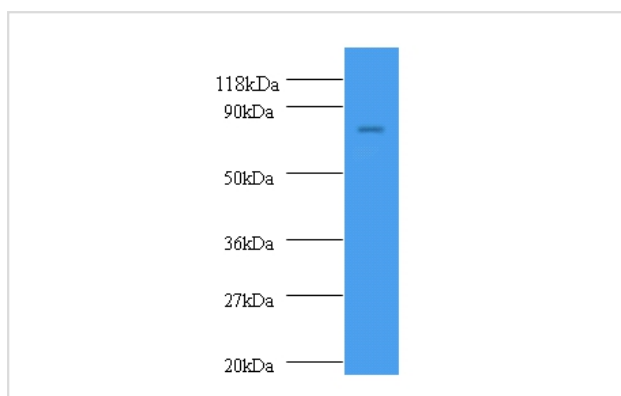
Description

Product Name	nrdD Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	E.coli
Specificity	The antibody detects endogenous level of total nrdD polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant Escherichia coli Ribonucleotide reductase, class III, anaerobic protein
Target Name	nrdD
Other Names	nrdD
Accession No.	Swiss-Prot#: P28903
Uniprot	P28903
GeneID	948755;
Calculated MW	78kd
Concentration	1.0mg/mL
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:1000

Images



All lanes : Ribonucleotide reductase, class III, anaerobic at
2ug/ml+293T whole cell lysate
Secondary
Goat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size :78KDa
Observed band size:78KDa
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Background

Ribonucleotide reductase is an essential enzyme in all organisms. It provides precursors for DNA synthesis by reducing all four ribonucleotides to deoxyribonucleotides. The overall activity and the substrate specificity of RNR are allosterically regulated by deoxyribonucleoside triphosphates and

ATP, thereby providing balanced dNTP pools.

References

[1] "Genome of the bacterium *Streptococcus pneumoniae* strain R6." Hoskins J., Alborn W.E. Jr., Arnold J., Blaszcak L.C., Burgett S., DeHoff B.S., Estrem S.T., Fritz L., Fu D.-J., Fuller W., Geringer C., Gilmour R., Glass J.S., Khoja H., Kraft A.R., Lagace

Note: This product is for in vitro research use only