

6-phosphogluconate dehydrogenase, decarboxylating Polyclonal Antibody

Catalog No: #42221

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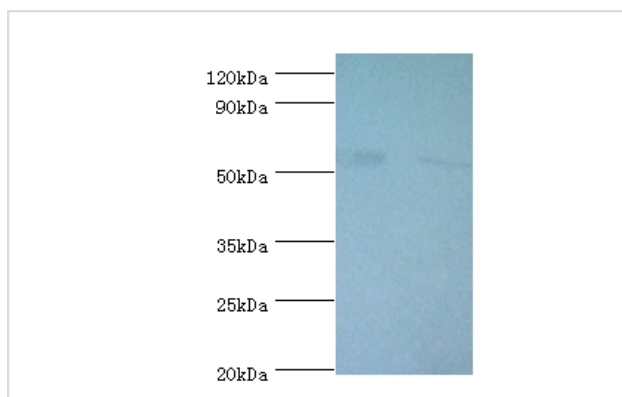
Description

Product Name	6-phosphogluconate dehydrogenase, decarboxylating Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total 6-phosphogluconate dehydrogenase, decarboxylating polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human 6-phosphogluconate dehydrogenase, decarboxylating protein
Target Name	6-phosphogluconate dehydrogenase, decarboxylating
Other Names	PGD, PGDH
Accession No.	Swiss-Prot#: P52209
Uniprot	P52209
GeneID	5226;
Calculated MW	53.1kd
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 : 6-phosphogluconate dehydrogenase antibody at 2ug/ml
 Lane 1 : EC109 whole cell lysate
 Lane 2 : 293T whole cell lysate
 Secondary
 Goat polyclonal to Rabbit IgG at 1/15000 dilution
 Predicted band size : 53.1kDa
 Observed band size: 53.1kDa

Background

Catalyzes the oxidative decarboxylation of 6-phosphogluconate to ribulose 5-phosphate and CO₂, with concomitant reduction of NADP to NADPH

References

[1]"Identification of a cDNA encoding 6-phosphogluconate dehydrogenase from a human heart cDNA library." Tsui S.K.W., Chan J.Y., Waye M.M.Y., Fung K.-P., Lee C.-Y. [2]"The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian

Note: This product is for in vitro research use only