

Anti-GTP cyclohydrolase 1 GCH1 Antibody

Catalog Number: A01210

About GCH1

Seems to phosphorylate critical substrates that regulate the G1/S phase transition and/or DNA replication. Can phosphorylates MCM2 and MCM3.

Sato N., EMBO J. 16:4340-4351(1997).

Hess G.F., Gene 211:133-140(1998).

Jiang W., Proc. Natl. Acad. Sci. U.S.A. 94:14320-14325(1997).

Overview

Product Name	Anti-GTP cyclohydrolase 1 GCH1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GTP cyclohydrolase 1 GCH1 Antibody catalog # A01210. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
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	P30793

Technical Details

Immunogen	Synthesized peptide derived from human Vinculin around the phosphorylation site of Y821.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	GCH1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-2000 ELISA 1:5000-20000

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