

Anti-Ferritin heavy chain FTH1 Antibody

Catalog Number: A02401

About FTH1

Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. The α and α' chains contain the catalytic site. Participates in Wnt signaling. CK2 phosphorylates 'Ser-392' of p53/TP53 following UV irradiation.

Keller D.M., Zeng X., et al., Mol. Cell 7:283-292(2001)

Keller D.M., Lu H. et al., J. Biol. Chem. 277:50206-50213(2002)

Trembley J.H., Tatsumi S., et al., Mol. Cell. Biol. 25:1446-1457(2005)

Niefind K., Guerra B., et al., Acta Crystallogr. D 56:1680-1684(2000)

Overview

Product Name	Anti-Ferritin heavy chain FTH1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Ferritin heavy chain FTH1 Antibody catalog # A02401. Tested in IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	P02794

Technical Details

Immunogen	Synthesized peptide derived from human Casein Kinase IIalpha around the phosphorylation site of Y255.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>IHC: 1:50-1:200</p> <p>ICC/IF: 1:50-1:200</p>

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