

Anti-Haptoglobin HP Antibody

Catalog Number: A00062-2

About HP

This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. ATP-Binding Cassette Sub-Family B Member 1 (ABCB1, also named P-glycoprotein) is a plasma membrane-associated multidrug transporter that utilizes the energy of ATP hydrolysis to pump toxic xenobiotics out of cells. Unique features of ABCB1 are its very broad substrate specificity and its basal ATPase activity in the absence of transport substrates. Human ABCB1 plays an important role in absorption, distribution, metabolism, excretion and toxicity of pharmacologically relevant drugs. It is responsible for decreased drug accumulation in multidrug-resistant cells and often mediates the development of resistance to anti-cancer drugs. This protein also functions as a transporter across the blood-brain barrier.

Overview

Product Name	Anti-Haptoglobin HP Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Haptoglobin HP Antibody catalog # A00062-2. Tested in WB,IHC,ICC/IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, ICC, WB
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	P00738

Technical Details

Immunogen	Synthesized peptide derived from human CKR-5 around the phosphorylation site of S336.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified

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: 1:500-1:2,000

IHC: 1:50-1:200

IHC: 1:50-1:200

Anti-Haptoglobin HP Antibody (A00062-2) Images

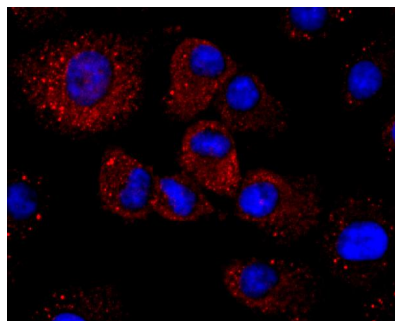


Figure 2. Immunocytochemistry staining of HP using Anti-Haptoglobin HP Antibody (A00062-2).

ICC staining Haptoglobin in A549 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

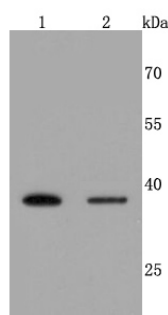


Figure 1. Western blotting validation for Anti-Haptoglobin HP Antibody A00062-2

Western blot analysis of Haptoglobin on different cells lysates using anti-Haptoglobin antibody at 1/500 dilution. Positive control: Lane 1: Hela Lane 2: HepG2. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Haptoglobin HP Antibody