

Anti-Caspase 9 (Tyr153) CASP9 Antibody

Catalog Number: A00080Y153

About CASP9

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-Caspase 9 (Tyr153) CASP9 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Caspase 9 (Tyr153) CASP9 Antibody catalog # A00080Y153. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	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	P55211

Technical Details

Immunogen	Synthesized peptide derived from human Caspase-9 around the phosphorylation site of T125.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	No cross reactivity with other proteins.
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>WB: 1:500-1:1000</p>

Anti-Caspase 9 (Tyr153) CASP9 Antibody (A00080Y153) Images

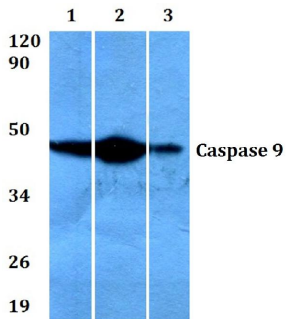


Figure 1. Western blotting validation for Anti-Caspase 9 (Tyr153) CASP9 Antibody A00080Y153

Western blot (WB) analysis of Caspase 9 (Tyr153) polyclonal antibody at 1:500 dilution
Lane1:LO2 whole cell lysate(40ug)
Lane2:LO2 treated with PBS(1

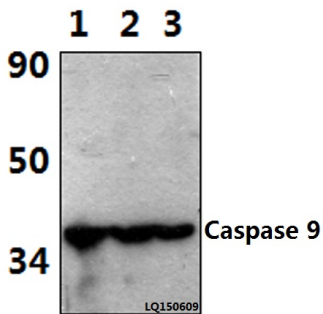


Figure 2. Western blotting validation for Anti-Caspase 9 (Tyr153) CASP9 Antibody A00080Y153

Western blot (WB) analysis of Caspase 9 (Tyr153) pAb at 1:500 dilution
Lane1:Hela whole cell lysate(40ug)
Lane2:Hela treated with H2O2 (100nmol/ml

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Anti-Caspase 9 (Tyr153) CASP9 Antibody