

Anti-IMPA1 Antibody

Catalog Number: M05882

About IMPA1

Responsible for the provision of inositol required for synthesis of phosphatidylinositol and polyphosphoinositides and has been implicated as the pharmacological target for lithium action in brain. Has broad substrate specificity and can use myo- inositol monophosphates, myo-inositol 1,3-diphosphate, myo- inositol 1,4-diphosphate, scyllo-inositol-phosphate, D-galactose 1-phosphate, glucose-1-phosphate, glucose-6-phosphate, fructose-1- phosphate, beta-glycerophosphate, and 2'-AMP as substrates.

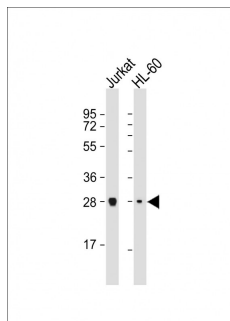
Overview

Product Name	Anti-IMPA1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-IMPA1 Antibody (Catalog # M05882). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 2177CT172.34.52
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P29218

Technical Details

Immunogen	This IMPA1 antibody is generated from a mouse immunized with a recombinant protein from the human region of human IMPA1.
Predicted Reactive Species	Human
Isotype	IgG1,kappa
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:1000-1:2000

Anti-IMPA1 Antibody (M05882) Images



All lanes : Anti-IMPA1 Antibody at 1:1000-1:2000 dilution
Lane 1: Jurkat whole cell lysate
Lane 2: HL-60 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 30 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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Anti-IMPA1 Antibody

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