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antibody and ELISA experts

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Anti-Gli1 Rabbit Monoclonal Antibody

Catalog Number: M00527

About GLI1

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

Product Name	Anti-Gli1 Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Gli1 Rabbit Monoclonal Antibody catalog # M00527. Tested in WB application. This antibody reacts with Human.
Application	WB
Clonality	Monoclonal GCG-7
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
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	P08151

Technical Details

Immunogen	A synthesized peptide derived from human Gli1
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
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:

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	WB 1:500-1:1000

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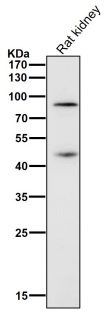
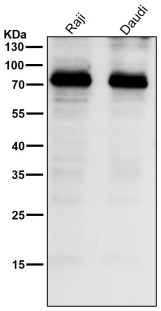
Anti-Gli1 Rabbit Monoclonal Antibody (M00527) Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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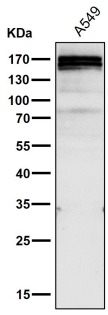

Western blot analysis of Gli1 expression in A549 cell lysate.

1 Publications Citing This Product

1. PubMed ID: 24553082, Duan F, Lin M, Li C, Ding X, Qian G, Zhang H, Ge S, Fan X, Li J. Cancer Biol Ther. 2014 May;15(5):544-59. Doi: 10.4161/Cbt.28157. Epub 2014 Mar 11. Effects Of Inhibition Of Hedgehog Signaling On Cell Growth And Migration Of Uveal Melanoma Cells.

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