

Anti-STK33 (N108) Antibody

Catalog Number: A07375-1

About STK33

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.
soform 5:Behaves as a cell cycle-dependent transcriptional repressor, promoting inhibition of S-phase DNA synthesis.

Chatterjee T.K., J. Biol. Chem. 275:29660-29671(2000).

Snow B.E., J. Biol. Chem. 273:17749-17755(1998).

Hillier L.W., Nature 434:724-731(2005).

Overview

Product Name	Anti-STK33 (N108) Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-STK33 (N108) Antibody catalog # A07375-1. Tested in WB,IHC applications. This antibody reacts with Human,Mouse.
Application	IHC, 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	Q9BYT3

Technical Details

Immunogen	Synthesized peptide derived from human PEX12 protein.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
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

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: 1:500-1:1000

IHC: 1:50-1:200

Anti-STK33 (N108) Antibody (A07375-1) Images

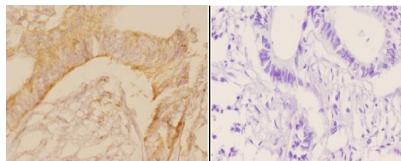


Figure 2. Immunohistochemistry validation of STK33 using Anti-STK33 (N108) Antibody (A07375-1).

Immunohistochemistry (IHC) analyzes of STK33 (N108) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

For more protocol information of IHC

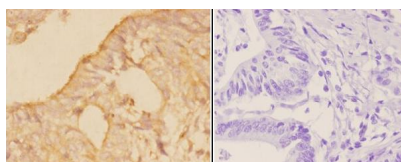


Figure 1. Western blotting validation for Anti-STK33 (N108) Antibody A07375-1

Western blot (WB) analysis of STK33 (N108) pAb at 1:500 dilution

Lane1:A2780 whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:The Testis tissue lysate of Rat(40ug)

Lane4:The Testis tissue lysate of Mouse(40ug)

Lane5:HEK293T whole cell lysate(10ug)

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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