

## Anti-AURKB/C (K197) Antibody

Catalog Number: A00762-1

### About AURKB

Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.

Ana V. Miletic, J. Biol. Chem., Dec 2006; 281: 38257 - 38265.

Christopher C. Stebbins, Mol. Cell. Biol., Sep 2003; 23: 6291 - 6299.

Vered Schapira, Cancer Res., Jun 2006; 66: 6183 - 6191.

Maya Groysman, J. Biol. Chem., Dec 2002; 277: 50121 - 50130.

### Overview

Product Name	Anti-AURKB/C (K197) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-AURKB/C (K197) Antibody catalog # A00762-1. Tested in WB,IHC applications. This antibody reacts with Human,Mouse,Rat.
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	Q96GD4/Q9UQB9

### Technical Details

Immunogen	Synthetic peptide, corresponding to amino acids 371-420 of Human PAH.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
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> <p>IHC: 1:50-1:200</p>

## Anti-AURKB/C (K197) Antibody (A00762-1) Images

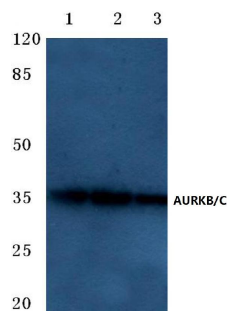


Figure 1. Western blotting validation for Anti-AURKB/C (K197) Antibody A00762-1

Western blot (WB) analysis of AURKB/C (K197) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(20ug)

Lane2:HepG2 whole cell lysate(20ug)

Lane3:PC3 whole cell lysate(40ug)

Lane4:A549 whole cell lysate(40ug)

Lane5:PC12 whole cell lysate(40ug)

Lane6:AML-12 whole cell lysate(40ug)

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

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