

## Anti-KCY CMPK1 Antibody

Catalog Number: A07962

### About CMPK1

Catalyzes the phosphorylation of pyrimidine nucleoside monophosphates at the expense of ATP. Plays an important role in de novo pyrimidine nucleotide biosynthesis. Has preference for UMP and CMP as phosphate acceptors. Also displays broad nucleoside diphosphate kinase activity.

Van Rompay A.R., Mol. Pharmacol. 56:562-569(1999).

Pearman A.T., Life Sci. 69:2361-2370(2001).

Liou J.-Y., Cancer Res. 62:1624-1631(2002).

### Overview

Product Name	Anti-KCY CMPK1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-KCY CMPK1 Antibody (Catalog # A07962). Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
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	P30085

### Technical Details

Immunogen	Synthesized peptide derived from internal of human KCY.
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.

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

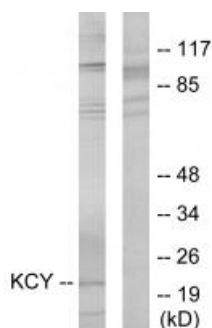
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Western blotting: 1:500~1:3000

## Anti-KCY CMPK1 Antibody (A07962) Images



Western blot analysis of extracts from HeLa cells, using KCY antibody A07962.

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