

## Anti-PDE7B Antibody

Catalog Number: A08131-1

### About PDE7B

PDE7B(cAMP-specific 3',5'-cyclic phosphodiesterase 7B) belongs to the cyclic nucleotide phosphodiesterase family and PDE7 subfamily, which regulate intracellular levels of cAMP and cGMP, cyclic nucleotides that play important roles as second messengers in multiple physiologic processes. PDE7B gene is expressed predominantly in the brain and in a number of other tissues including liver, heart, thyroid glands, and skeletal muscle, but not expressed in blood leukocytes (PMID:12388353).

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-PDE7B Antibody  |
| Reactive Species     | Human, Mouse, Rat  |
| Description          | Boster Bio Anti-PDE7B Antibody catalog # A08131-1. Tested in WB, IHC, ICC/IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.   |
| Application          | ELISA, IF, IHC, ICC, WB  |
| Clonality            | Polyclonal   |
| Formulation          | 500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol<br>This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used.<br>For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.  |
| Host                 | Rabbit   |
| Uniprot ID           | Q9NP56   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human PDE7B recombinant protein (Position: C3-G447).   |
| Form                | Liquid  |
| Concentration       | 500 ug/ml   |
| Purification        | Immunogen affinity purified.  |
| Suggested Dilutions | Western blot, 1:500-2000<br>Immunohistochemistry, 1:50-400<br>Immunocytochemistry/Immunofluorescence, 1:50-400<br>ELISA, 1:100-1000 |

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Anti-PDE7B Antibody

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