

## Anti-Rubicon/RUBCN Antibody

Catalog Number: A12453-2

### About Rubicon/RUBCN

The protein encoded by this gene is a negative regulator of autophagy and endocytic trafficking and controls endosome maturation. This protein contains two conserved domains, an N-terminal RUN domain and a C-terminal DUF4206 domain. The RUN domain is involved in Ras-like GTPase signaling, and the DUF4206 domain contains a diacylglycerol (DAG) binding-like motif. Mutation in this gene results in deletion of the DAG binding-like motif and causes a recessive ataxia. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Rubicon/RUBCN Antibody  |
| Reactive Species     | Human, Mouse, Rat  |
| Description          | Boster Bio Anti-Rubicon/RUBCN Antibody catalog # A12453-2. 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 at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.   |
| Host                 | Rabbit   |
| Uniprot ID           | Q92622   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human Rubicon/RUBCN recombinant protein (Position: E63-E287).  |
| 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 |

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Rubicon/RUBCN Antibody

For Research Use Only. Not for use in diagnostic procedures.