

## Anti-KALRN Antibody

Catalog Number: A04076-2

### About KALRN

KALRN, also named as DUET, DUO, HAPIP and TRAD, belongs to the protein kinase superfamily and CAMK Ser/Thr protein kinase family. KALRN promotes the exchange of GDP by GTP. KALRN activates specific Rho GTPase family members, thereby inducing various signaling mechanisms that regulate neuronal shape, growth, and plasticity, through their effects on the actin cytoskeleton. KALRN induces lamellipodia independent of its GEF activity. The antibody can recognize isoform1 and isoform2 of KALRN.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-KALRN Antibody  |
| Reactive Species     | Human, Mouse, Rat  |
| Description          | Boster Bio Anti-KALRN Antibody catalog # A04076-2. 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. 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           | O60229   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | Peptide   |
| 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-KALRN Antibody

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