

Anti-GRB2 Antibody Picoband® HRP Conjugated

Catalog Number: A00351-1-HRP

About GRB2

GRB2, Growth factor receptor-bound protein 2, is an adaptor protein involved in signal transduction/cell communication. The GRB2 gene encodes a protein that has homology to noncatalytic regions of the SRC oncogene product. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. In humans, the GRB2 protein is encoded by the GRB2 gene. Grb2 is widely expressed and is essential for multiple cellular functions. The protein encoded by this gene binds receptors such as the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. This gene is similar to the sem-5 gene of *Caenorhabditis elegans*, which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Overview

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| Product Name | Anti-GRB2 Antibody Picoband® HRP Conjugated |
| Reactive Species | Human |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | P62993 |

Technical Details

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| Immunogen | E.coli-derived human GRB2 recombinant protein (Position: M1-V217). |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | HRP |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements. |

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Anti-GRB2 Antibody - HRP

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