

Datasheet for ABIN1805442  
**anti-PRKAR1B antibody (AA 1-91)**



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## Overview

|                      |                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 50 µg                                                                                                                 |
| Target:              | PRKAR1B                                                                                                               |
| Binding Specificity: | AA 1-91                                                                                                               |
| Reactivity:          | Human                                                                                                                 |
| Host:                | Mouse                                                                                                                 |
| Clonality:           | Monoclonal                                                                                                            |
| Conjugate:           | This PRKAR1B antibody is un-conjugated                                                                                |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | PRKAR1B (NP_002726, 1 a.a. ~ 91 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br><br>Type of Immunogen: Recombinant protein |
| Clone:        | 1F8                                                                                                                                                             |
| Isotype:      | IgG2a kappa                                                                                                                                                     |
| Specificity:  | Human PRKAR1B                                                                                                                                                   |
| Purification: | Purified from ascites by Protein A                                                                                                                              |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | PRKAR1B                                                                                                                                                                                                                                                                                           |
| Alternative Name: | PRKAR1B ( <a href="#">PRKAR1B Products</a> )                                                                                                                                                                                                                                                      |
| Background:       | Name/Gene ID: PRKAR1B<br>Family: Protein Kinase Non Catalytic<br><br>Synonyms: PRKAR1B, PRKAR1                                                                                                                                                                                                    |
| Gene ID:          | 5575                                                                                                                                                                                                                                                                                              |
| NCBI Accession:   | <a href="#">NP_002726</a>                                                                                                                                                                                                                                                                         |
| UniProt:          | <a href="#">P31321</a>                                                                                                                                                                                                                                                                            |
| Pathways:         | <a href="#">Hedgehog Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a> |

## Application Details

|                    |                                                                                                                                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA, IHC, IHC-P (3 µg/mL), WB<br><br>Usage: Immunohistochemistry: Formalin-fixed paraffin-embedded sections. Western Blot: Cell lysate, Recombinant protein. |
| Comment:           | Target Species of Antibody: Human                                                                                                                                        |
| Restrictions:      | For Research Use only                                                                                                                                                    |

## Handling

|                  |                                                               |
|------------------|---------------------------------------------------------------|
| Format:          | Liquid                                                        |
| Concentration:   | Lot specific                                                  |
| Buffer:          | PBS, pH 7.4                                                   |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing.               |
| Storage:         | -20 °C                                                        |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid freeze-thaw cycles. |