

PPP1R3A Polyclonal Antibody

Description

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|--------------------------------|--|
| Product type | Primary Antibody |
| Code | BT-AP07370 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human PPP1R3A. AA range:647-696 |
| Mol wt | 125837 |
| Species reactivity | Human |
| Clonality | Polyclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | PPP1R3A Antibody |
| Synonyms | PPP1R3A; PP1G; Protein phosphatase 1 regulatory subunit 3A; Protein phosphatase 1 glycogen-associated regulatory subunit; Protein phosphatase type-1 glycogen targeting subunit; RG1 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The glycogen-associated form of protein phosphatase-1 (PP1) derived from skeletal muscle is a heterodimer composed of a 37-kD catalytic subunit and a 124-kD targeting and regulatory subunit. PPP1R3A (protein phosphatase 1 regulatory subunit 3A) encodes the regulatory subunit which binds to muscle glycogen with high affinity, thereby enhancing dephosphorylation of glycogen-bound substrates for PP1 such as glycogen synthase and glycogen phosphorylase kinase.

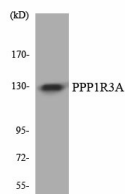
Recommended Dilution

WB: 1: 500 - 1: 2000

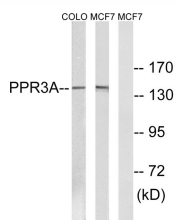
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of the lysates from HT-29 cells using PPP1R3A antibody.



Western blot analysis of lysates from MCF-7 and COLO cells, using PPP1R3A Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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