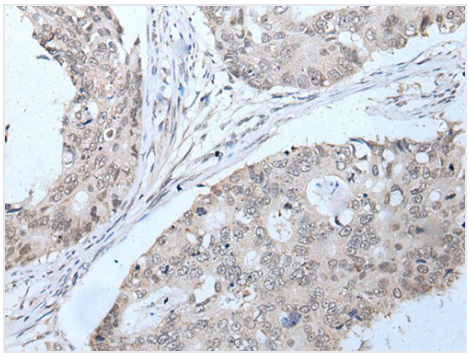
# PPP1R42 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | PPP1R42, Polyclonal Antibody |
| **Full Product Name** | PPP1R42 Antibody |
| **Product Gene Name** | anti-PPP1R42 antibody |
| **Product Synonym Names** | dtr; TLLR; LRRC67 |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol. |
| **Purity/Purification** | Antigen affinity purification |
| **Concentration** | 0.5mg/ml (lot specific) |
| **Specificity** | The antibody detects endogenous levels of total PPP1R42 protein. |
| **Preparation and Storage** | Store at -20 degree C |
| **Molecular Weight** | 26,207 Da |
| **3D Structure** | ModBase 3D Structure for Q7Z4L9 |
| **Immunogen** | Synthetic peptide of human PPP1R42 |
| **Immunogen Type** | Peptide |
| **Product Categories/Family for anti-PPP1R42 antibody** | Total protein Ab |
| **Applications Tested/Suitable for anti-PPP1R42 antibody** | Immunohistochemistry (IHC) |
| **Application Notes for anti-PPP1R42 antibody** | Immunohistochemistry: 1: 20-100 |
| **Related Product Information for anti-PPP1R42 antibody** | Regulates phosphatase activity of protein phosphatase 1 (PP1) complexes in the testis. |
| **Other Notes** | Small volumes of anti-PPP1R42 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for PPP1R42 purchase** | MBS9417168 is an antibody targeting PPP1R42. Also known as PPP1R42 Antibody. Reactive in Human. Host: Rabbit. |



**Immunohistochemistry (IHC) of anti-PPP1R42 antibody**
The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using PPP1R42 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP1R42. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 61966709 |
| **NCBI GeneID** | 286187 |
| **NCBI Accession #** | NP_001013648.1 |
| **UniProt Primary Accession #** | Q7Z4L9 |
| **UniProt Related Accession #** | Q7Z4L9 |
| **GenBank Nucleotide #** | NM_001013626.2 |
| **NCBI Official Full Name** | protein phosphatase 1 regulatory subunit 42 |
| **NCBI Official Synonym Full Names** | protein phosphatase 1 regulatory subunit 42 |
| **NCBI Official Symbol** | PPP1R42 |
| **NCBI Official Synonym Symbols** | dtr; TLLR; LRRC67 |
| **UniProt Protein Name** | Protein phosphatase 1 regulatory subunit 42 |
| **UniProt Synonym Protein Names** | Leucine-rich repeat-containing protein 67 |
| **Protein Family** | Protein phosphatase 1 regulatory |
| **UniProt Gene Name** | PPP1R42 |
| **UniProt Synonym Gene Names** | LRRC67 |
| **UniProt Entry Name** | PPR42_HUMAN |
| **NCBI Protein Information** | protein phosphatase 1 regulatory subunit 42 |
| **Research Articles on PPP1R42** | **1.** PPP1R42 regulation of PP1 function in centrosome separation. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |

| | |
|---|---|
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/ppp1r42/9417168