

## Product datasheet

# Anti-PPP2R5A antibody ab1084

[1 References](#)   [1 Image](#)

### Overview

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<b>Product name</b>	Anti-PPP2R5A antibody
<b>Description</b>	Goat polyclonal to PPP2R5A
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rat
<b>Immunogen</b>	Synthetic peptide: AYNMHSILSNTSAE, corresponding to C terminal amino acids 473-486 of Human PPP2R5A. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human Heart and Muscle lysate.
<b>General notes</b>	GenBank Accession Number – NP_006234.

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab1084** in the following tested applications.

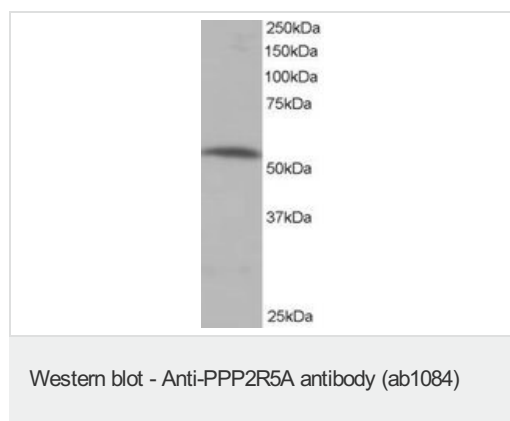
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 55 kDa (predicted molecular weight: 55 kDa). Can be blocked with <a href="#">Human PPP2R5A peptide (ab22797)</a> .

## Target

<b>Function</b>	The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.
<b>Tissue specificity</b>	Widely expressed with the highest expression in heart and skeletal muscle.
<b>Sequence similarities</b>	Belongs to the phosphatase 2A regulatory subunit B56 family.
<b>Post-translational modifications</b>	Phosphorylated on serine residues.
<b>Cellular localization</b>	Cytoplasm. Nucleus. Chromosome > centromere. From mitotic prophase to metaphase, localizes at the inner centromere between a pair of sister kinetochores. Decreased expression at the onset of anaphase.

## Images



ab1084 (0.5 µg/ml) staining PPP2R5A in human muscle whole tissue lysate (35 µg in RIPA buffer). Incubated with primary antibody for 1 hour and detected by chemiluminescence.

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