

## Anti-RPIA antibody (82-311) (STJ111456)

STJ111456

### GENERAL INFORMATION

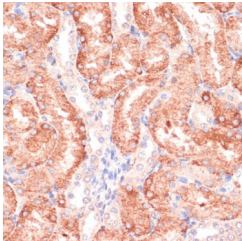
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IHC-P/ELISA     |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

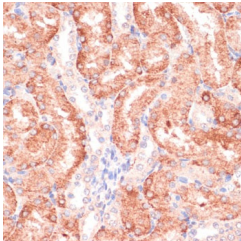
|                            |                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                                                 |
| <b>Clone ID</b>            |                                                                                                                                                            |
| <b>Concentration</b>       | Lot specific                                                                                                                                               |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                               |
| <b>Purification</b>        | Affinity purification                                                                                                                                      |
| <b>Dilution</b>            | WB:1:200-1:1000                                                                                                                                            |
| <b>Range</b>               | IHC-P:1:50-1:200<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                         |
| <b>Isotype</b>             | IgG                                                                                                                                                        |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                             |

### TARGET INFORMATION

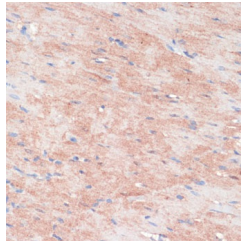
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|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 22934                                                                                                                                                                                                                                            |
| <b>Gene Symbol</b>        | RPIA                                                                                                                                                                                                                                             |
| <b>Uniprot ID</b>         | RPIA_HUMAN                                                                                                                                                                                                                                       |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                  |
| <b>Immunogen Region</b>   | 82-311                                                                                                                                                                                                                                           |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 82-311 of human RPIA (NP_653164.2).                                                                                                                                |
| <b>Immunogen Sequence</b> | KKLAGRAAVENHVRNNQVLG IGSGSTIVHAVQRIAEVRKQ ENLNLVCIPTSFQARQLILQ YGLTSLDLDRHPEIDLADG ADEVADADLNLKGGGGCLTQ EKIVAGYASRFIVIAEFRKD SKNLGDQWHKGIPIEVIPMA YVPVSRVVSQKFGGVVELRM AVNKAGPVVTDNGNFILDWK FDRVHKWSEVNTAIKMIPGV VDTGLFINMAERVYFGMQDG SVNMRKPFCC |



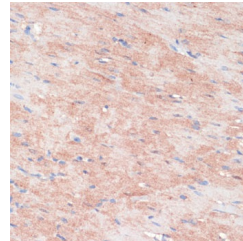
Western blot analysis of extracts of various cell lines, using RPIA antibody (STJ111456) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.



Immunohistochemistry analysis of RPIA in paraffin-embedded rat kidney using RPIA Rabbit polyclonal antibody (STJ111456) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded rat heart using RPIA antibody (STJ111456) at dilution of 1:100 (40x lens).



Immunohistochemistry analysis of RPIA in paraffin-embedded rat heart using RPIA Rabbit polyclonal antibody (STJ111456) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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