

# Rhotekin Polyclonal Antibody

| Product Details    |   |
|--------------------|---|
| Size               | 100 µL  |
| Species Reactivity | Human, Mouse  |
| Published Species  | Dog   |
| Host/Isotype       | Rabbit / IgG  |
| Class              | Polyclonal  |
| Type               | Antibody  |
| Conjugate          | Unconjugated  |
| Immunogen          | Recombinant protein fragment corresponding to a region within amino acids 1 and 141 of Human Rhotekin |
| Form               | Liquid  |
| Concentration      | 0.54 mg/mL  |
| Purification       | Antigen affinity chromatography   |
| Storage buffer     | 0.1M tris glycine, pH 7, with 20% glycerol  |
| Contains           | 0.01% thimerosal  |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.          |
| RRID               | AB_2547405  |

| Applications                 | Tested Dilution  | Publications  |
|------------------------------|------------------|---------------|
| Western Blot (WB)            | 1:1,000-1:10,000 | 1 Publication |
| Immunocytochemistry (ICC/IF) | 1:100-1:1,000    | -             |
| Immunoprecipitation (IP)     | -                | 1 Publication |

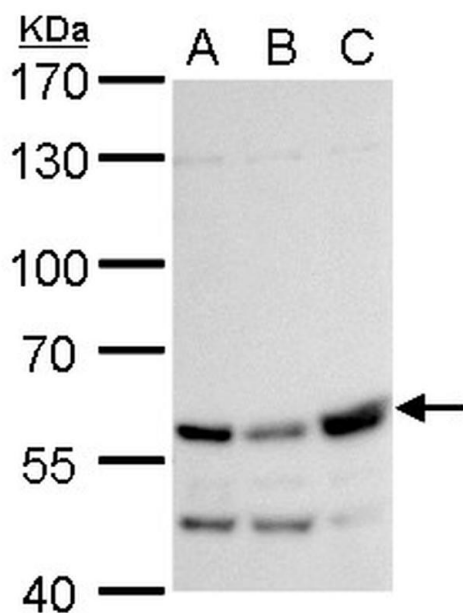
## Product Specific Information

Recommended positive controls: 293T, A431, Jurkat, Raji, mouse brain, NCI-H929, human Rhotekin-transfected 293T.

Predicted reactivity: Mouse (93%), Rat (96%), Rhesus Monkey (99%), Bovine (94%).

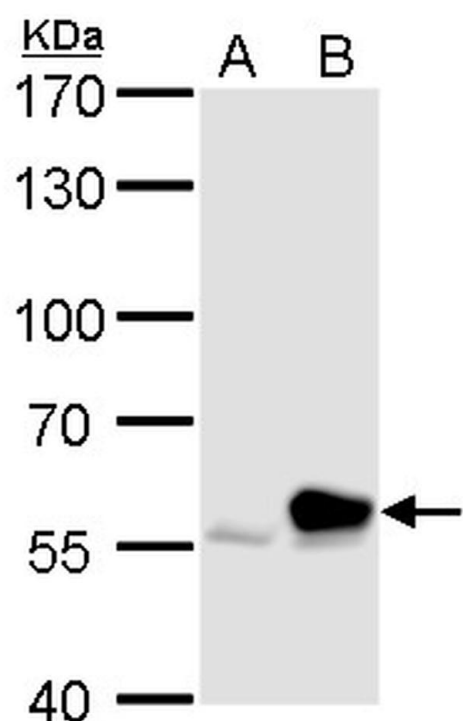
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Product Images For Rhotekin Polyclonal Antibody



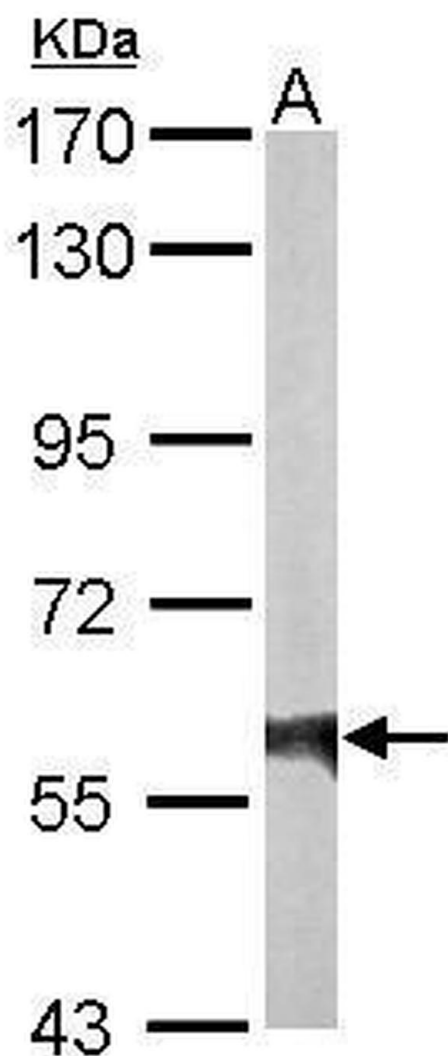
#### Rhotekin Antibody (PA5-29931) in WB

Rhotekin Polyclonal Antibody detects Rhotekin protein by western blot analysis. A. 30 µg Jurkat whole cell lysate/extract. B. 30 µg Raji whole cell lysate/extract. C. 30 µg NCI-H929 whole cell lysate/extract. 7.5 % SDS-PAGE. Rhotekin Polyclonal Antibody (Product # PA5-29931) dilution: 1:5,000.



#### Rhotekin Antibody (PA5-29931) in WB

Rhotekin Polyclonal Antibody detects Rhotekin protein by western blot analysis. A. 30 µg 293T whole cell lysate/extract. B. 30 µg whole cell lysate/extract of human Rhotekin-transfected 293T cells. 7.5 % SDS-PAGE. Rhotekin Polyclonal Antibody (Product # PA5-29931) dilution: 1:5,000.



#### Rhotekin Antibody (PA5-29931) in WB

Western Blot using Rhotekin Polyclonal Antibody (Product # PA5-29931).  
Sample (20  $\mu$ g of whole cell lysate). Lane A: mouse brain . 7.5% SDS PAGE.  
Rhotekin Polyclonal Antibody (Product # PA5-29931) diluted at 1:10,000.

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (1)

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| <p>The Journal of physiology</p> <p><b>S100A4 is activated by RhoA and catalyses the polymerization of non-muscle myosin, adhesion complex assembly and contraction in airway smooth muscle.</b></p> <p>"PA5-29931 was used in Immunoprecipitation, Western Blot to test the hypothesis that S100A4 contributes to the regulation of contraction in airway smooth muscle by regulating a pool of non-muscle myosin II at the cell cortex."</p> <p>Authors: Zhang W,Gunst SJ</p> | <p>Year<br/>2020</p> <p>Species<br/>Dog</p> |
|---|---|

Immunoprecipitation (1)

|   |   |
|---|---|
| <p>The Journal of physiology</p> <p><b>S100A4 is activated by RhoA and catalyses the polymerization of non-muscle myosin, adhesion complex assembly and contraction in airway smooth muscle.</b></p> <p>"PA5-29931 was used in Immunoprecipitation, Western Blot to test the hypothesis that S100A4 contributes to the regulation of contraction in airway smooth muscle by regulating a pool of non-muscle myosin II at the cell cortex."</p> <p>Authors: Zhang W,Gunst SJ</p> | <p>Year<br/>2020</p> <p>Species<br/>Dog</p> |
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