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## Datasheet for ABIN6989738 **anti-ARHGEF1 antibody**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | ARHGEF1  |
| Reactivity:  | Human, Rat   |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This ARHGEF1 antibody is un-conjugated   |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant fusion protein containing a sequence corresponding to amino acids 783-912 of human ARHGEF1 (NP_004697.2). |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Rat  |
| Purification:     | Purified by Protein A.  |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | ARHGEF1   |
| Alternative Name: | ARHGEF1 ( <a href="#">ARHGEF1 Products</a> )  |
| Background:       | Synonyms: ARHGEF1,GEF1,LBCL2,LSC,P115-RHOGF,SUB1.5<br>Background: Rho GTPases play a fundamental role in numerous cellular processes that are |

## Target Details

|           |   |
|-----------|---|
|           | initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate Rho-dependent signals. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been defined. |
| Gene ID:  | 9138  |
| UniProt:  | <a href="#">Q92888</a>  |
| Pathways: | <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Thromboxane A2 Receptor Signaling</a>   |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC()<br>IF() |
| Restrictions:      | For Research Use only                             |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.  |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C for 12 months.  |
| Expiry Date:       | 12 months  |