Datasheet for ABIN7603234

# anti-RHNO1 antibody (N-Term)

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## Overview

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| Quantity: | 100 µg |
| Target: | RHNO1 |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RHNO1 antibody is un-conjugated |
| Application: | Flow Cytometry (FACS), Western Blotting (WB) |

## Product Details

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| Purpose: | Anti-RHNO1 Antibody Picoband® |
| Immunogen: | A synthetic peptide corresponding to a sequence at the N-terminus of human RHNO1, which shares 88.2% and 82.4% amino acid (aa) sequence identity with mouse and rat RHNO1, respectively. |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins |
| Characteristics: | Anti-RHNO1 Antibody Picoband® (ABIN7603234). Tested in Flow Cytometry, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |

## Product Details

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| Purification: | Immunogen affinity purified. |

## Target Details

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| Target: | RHNO1 |
| Alternative Name: | RHNO1 (RHNO1 Products) |
| Background: | Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47,<br>Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. .<br>Background: Involved in cellular response to radiation, recombinational repair, and regulation of cell cycle process. Located in chromosome and nucleus. |
| Molecular Weight: | 40 kDa |
| Gene ID: | 83695 |

## Application Details

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| Application Notes: | Western blot, 0.25-0.5 µg/mL/mL, Human<br>Flow Cytometry (Fixed), 1-3 µg/mL/1x10^6 cells, Human<br>1. Cotta-Ramusino, C., McDonald, E. R., III, Hurov, K., Sowa, M. E., Harper, J. W., Elledge, S. J. A DNA damage response screen identifies RHINO, a 9-1-1 and TopBP1 interacting protein required for ATR signaling. Science 332: 1313-1317, 2011. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 7/11/2011. 3. Kim, J.-W., Fukukawa, C., Ueda, K., Nishidate, T., Katagiri, T., Nakamura, Y. Involvement of C12orf32 overexpression in breast carcinogenesis. Int. J. Oncol. 37: 861-867, 2010. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Reconstitution: | Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration: | 500 µg/mL |
| Buffer: | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. |

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.