

# Memo1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14003

## Product Information

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|--------------------------|------------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                                 |
| <b>Primary Accession</b> | <a href="#">Q4QQR9</a>                                                             |
| <b>Other Accession</b>   | <a href="#">NM_001029917</a> , <a href="#">NP_001025088</a>                        |
| <b>Reactivity</b>        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast   |
| <b>Predicted</b>         | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Guinea Pig, Horse, Bovine |
| <b>Host</b>              | Rabbit                                                                             |
| <b>Clonality</b>         | Polyclonal                                                                         |
| <b>Calculated MW</b>     | 33679                                                                              |

## Additional Information

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| <b>Gene ID</b>                      | 298787                                                                                                                                                                                         |
| <b>Alias Symbol</b>                 | MGC116222, RGD1309929                                                                                                                                                                          |
| <b>Other Names</b>                  | Protein MEMO1, Mediator of ErbB2-driven cell motility 1, Memo-1, Memo1                                                                                                                         |
| <b>Format</b>                       | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                              |
| <b>Reconstitution &amp; Storage</b> | Add 50 ul of distilled water. Final anti-Memo1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| <b>Precautions</b>                  | Memo1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                           |

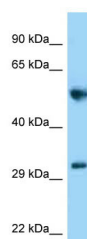
## Protein Information

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| <b>Name</b>     | Memo1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b> | May control cell migration by relaying extracellular chemotactic signals to the microtubule cytoskeleton. Mediator of ERBB2 signaling. The MEMO1-RHOA-DIAPH1 signaling pathway plays an important role in ERBB2-dependent stabilization of microtubules at the cell cortex. It controls the localization of APC and CLASP2 to the cell membrane, via the regulation of GSK3B activity. In turn, membrane-bound APC allows the localization of the MACF1 to the cell membrane, which is required for microtubule capture and stabilization (By similarity). |

## Images

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WB Suggested Anti-Memo1 Antibody Titration: 1.0 µg/ml  
Positive Control: Rat Brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.