

## ARG64949 anti-MEST antibody

Package: 100 µg  
Store at: -20°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | Goat Polyclonal antibody recognizes MEST   |
| Tested Reactivity   | Ms, Rat  |
| Predict Reactivity  | Hu, Cow, Dog   |
| Tested Application  | WB   |
| Specificity         | This antibody is expected to recognize both reported isoforms (NP_002393.2; NP_803490.1). Reported variants NP_803490.1 and NP_803491.1 represent identical protein. |
| Host                | Goat   |
| Clonality           | Polyclonal   |
| Isotype             | IgG  |
| Target Name         | MEST   |
| Species             | Human  |
| Immunogen           | C-QELLYRYKQNRSGR   |
| Conjugation         | Un-conjugated  |
| Alternate Names     | Mesoderm-specific transcript homolog protein; EC 3.-.-.; PEG1; Paternally-expressed gene 1 protein   |

### Application Instructions

|                   |  |                 |
|-------------------|--|-----------------|
| Application table | Application  | Dilution        |
|                   | WB   | 0.2 - 0.5 µg/ml |
| Application Note  | WB: Recommend incubate at RT for 1h.<br>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                 |

### Properties

|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Purification        | Purified from goat serum by antigen affinity chromatography.   |
| Buffer              | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.   |
| Preservative        | 0.02% Sodium azide   |
| Stabilizer          | 0.5% BSA   |
| Concentration       | 0.5 mg/ml  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Bioinformation

|                |   |
|----------------|---|
| Database links | <a href="#">GeneID: 17294 Mouse</a><br><a href="#">GeneID: 58827 Rat</a><br><a href="#">Swiss-port # Q07646 Mouse</a><br><a href="#">Swiss-port # Q6P5P5 Rat</a>  |
| Background     | This gene encodes a member of the alpha/beta hydrolase superfamily. It is imprinted, exhibiting preferential expression from the paternal allele in fetal tissues, and isoform-specific imprinting in lymphocytes. The loss of imprinting of this gene has been linked to certain types of cancer and may be due to promotor switching. The encoded protein may play a role in development. Alternatively spliced transcript variants encoding multiple isoforms have been identified for this gene. Pseudogenes of this gene are located on the short arm of chromosomes 3 and 4, and the long arm of chromosomes 6 and 15. [provided by RefSeq, Dec 2011] |
| Research Area  | Cell Biology and Cellular Response antibody   |
| Calculated Mw  | 39 kDa  |

Images



ARG64949 anti-MEST antibody WB image

Western Blot: Mouse Testis lysate (35 µg protein in RIPA buffer) stained with ARG64949 anti-MEST antibody at 0.2 µg/ml dilution.