

## Rabbit PEG1 Polyclonal Antibody | anti-PEG1 antibody

Anti-PEG1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                          |
|-----------|--------|-------------------|-------------------------------------------------------|
| AAA263614 | Rabbit | Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Western Blot |

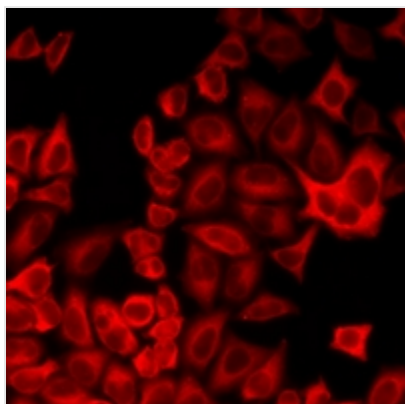
### PRODUCT SYNONYMS

PEG1; Polyclonal Antibody; Anti-PEG1 Antibody; Mesoderm-specific transcript homolog protein; Paternally-expressed gene 1 protein; anti-PEG1 antibody

### PRODUCT SPECIFICATIONS

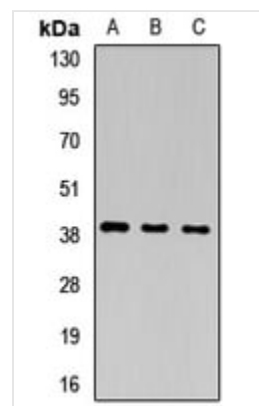
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse, Rat                                                                                              |
| Clonality                                      | Polyclonal                                                                                                     |
| Specificity                                    | Recognizes endogenous levels of PEG1 protein.                                                                  |
| Purity/Purification                            | Purified by immunogen affinity chromatography                                                                  |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                                | 292                                                                                                            |
| Applicable Applications for anti-PEG1 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                          |
| Immunogen                                      | Recombinant full length protein of human PEG1                                                                  |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of PEG1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of PEG1 expression in MCF7 (A), HT29 (B), mouse testis (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-PEG1 antibody | Rabbit polyclonal antibody to PEG1 |
|----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 359806886                                              |
| NCBI GeneID                      | 4232                                                   |
| NCBI Accession #                 | NP_001240829.1                                         |
| NCBI GenBank Nucleotide #        | NM_001253900.1                                         |
| UniProt Accession #              | Q5EB52; O14973; O15007; Q6AI49; Q92571; B2R6S1         |
| Molecular Weight                 | 33,757 Da                                              |
| NCBI Official Full Name          | mesoderm-specific transcript homolog protein isoform c |
| NCBI Official Synonym Full Names | mesoderm specific transcript                           |
| NCBI Official Symbol             | MEST                                                   |
| NCBI Official Synonym Symbols    | PEG1                                                   |
| NCBI Protein Information         | mesoderm-specific transcript homolog protein           |
| UniProt Protein Name             | Mesoderm-specific transcript homolog protein           |
| UniProt Gene Name                | <b>MEST</b>                                            |
| UniProt Synonym Gene Names       | PEG1                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/peg1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/263614>