

## Rabbit anti-Human PEG3 Polyclonal Antibody | anti-PEG3 antibody

PEG3 Polyclonal Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA175754</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

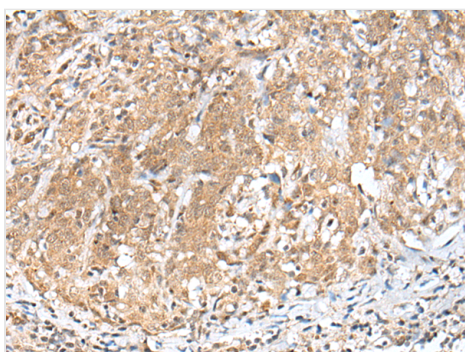
### PRODUCT SYNONYMS

PEG3; Polyclonal Antibody; PEG3 Polyclonal Antibody; KIAA0287; ZSCAN24; Paternally-expressed gene 3 protein; Zinc finger and SCAN domain-containing protein 24; anti-PEG3 antibody

### PRODUCT SPECIFICATIONS

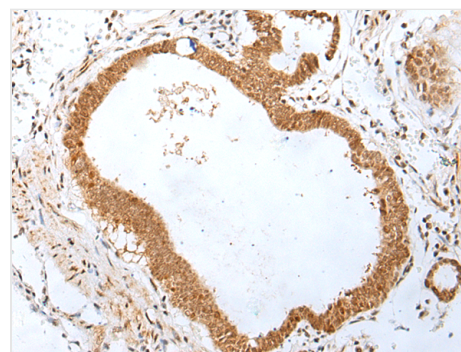
|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Host                                           | Rabbit                                                  |
| Reactivity                                     | Human                                                   |
| Clonality                                      | Polyclonal                                              |
| Isotype                                        | IgG                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                  | 1.8mg/mL (varies by lot)                                |
| Sequence Length                                | 1588                                                    |
| Applicable Applications for anti-PEG3 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                      | Synthetic peptide of human PEG3                         |
| Conjugation                                    | Unconjugated                                            |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PEG3 Polyclonal Antibody at dilution of 1:45(×200)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PEG3 Polyclonal Antibody at dilution of 1:45(×200)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PEG3 antibody | In human, ZIM2 and PEG3 are treated as two distinct genes though they share multiple 5' exons and a common promoter and both genes are paternally expressed (PMID:15203203). Alternative splicing events connect their shared 5' exons either with the remaining 4 exons unique to ZIM2, or with the remaining 2 exons unique to PEG3. In contrast, in other mammals ZIM2 does not undergo imprinting and, in mouse, cow, and likely other mammals as well, the ZIM2 and PEG3 genes do not share exons. Human PEG3 protein belongs to the Kruppel C2H2-type zinc finger protein family. PEG3 may play a role in cell proliferation and p53-mediated apoptosis. PEG3 has also shown tumor suppressor activity and tumorigenesis in glioma and ovarian cells. Alternative splicing of this PEG3 gene results in multiple transcript variants encoding distinct isoforms. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 226053126                                     |
| NCBI GeneID                      | 5178                                          |
| NCBI Accession #                 | NP_001139656.1                                |
| NCBI GenBank Nucleotide #        | NP_001139656.1                                |
| UniProt Accession #              | Q9GZU2                                        |
| NCBI Official Full Name          | paternally-expressed gene 3 protein isoform 1 |
| NCBI Official Synonym Full Names | paternally expressed 3                        |
| NCBI Official Symbol             | PEG3                                          |
| NCBI Official Synonym Symbols    | PW1; ZNF904; ZSCAN24; ZKSCAN22                |
| NCBI Protein Information         | paternally-expressed gene 3 protein           |
| UniProt Protein Name             | Paternally-expressed gene 3 protein           |
| UniProt Gene Name                | <b>PEG3</b>                                   |
| UniProt Synonym Gene Names       | KIAA0287; ZSCAN24                             |
| UniProt Entry Name               | PEG3_HUMAN                                    |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/peg3-antibody-immunohistochemistry-elisa/175754>