

Rabbit anti-Mouse PEG3 Polyclonal Antibody | anti-PEG3 antibody

PEG3 Polyclonal Antibody

CATALOG # AAA280970	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

PEG3; Polyclonal Antibody; PEG3 Polyclonal Antibody; PW1; ZKSCAN22; ZNF904; ZSCAN24; paternally expressed 3; anti-PEG3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MLPPKHLSAT KPKKSWAPNL YELDSDLTKE PDVIIEGPT DSEFFHQRFRLIYVEFVGP RKTLIKLRNL CLDWLQPETR TKEEIIELLV LEQYLTIPE KLKPWVRACK PENCEKLVTL LENYKEMYQP EDDNNSDVT DDDMTRNRRE SSPPHSVHSF SDRDWDRRGR SRDMEPRDRW SHTRNPRSRM PPRDLSLPVV AKTSFEMDRE DDRDSRAYES RSQDAESYQN VVDLAEDRKP HNTIQDNMEN YRKLL
Sequence Length	1588
Applicable Applications for anti-PEG3 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human PEG3 (NP_006201.1).
Calculated MW	60kDa/165kDa/166kDa/180kDa
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

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.
Product Categories/Family for anti-PEG3 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	226053126
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NCBI GeneID	5178
NCBI Accession #	NP_001139656.1
NCBI GenBank Nucleotide #	NM_001146184.1
UniProt Accession #	Q9GZU2; P78418; Q5H9P9; Q7Z7H7; Q8TF75; Q9GZY2; A7E2B8; B4DIM4; C9JP50
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	PEG3
UniProt Synonym Gene Names	KIAA0287; ZSCAN24

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://www.aaabiotech.com/polyclonal/peg3-antibody-western-blot-elisa/280970>