

Rabbit PEG3 Polyclonal Antibody | anti-PEG3 antibody

PEG3 Polyclonal Antibody

CATALOG # AAA178937	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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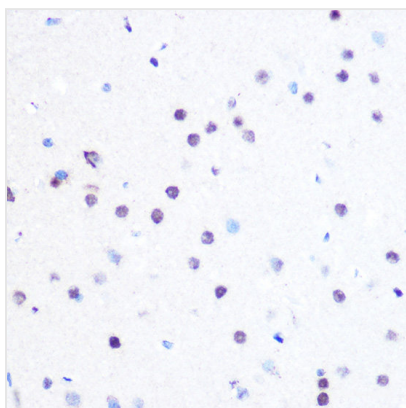
PRODUCT SYNONYMS

PEG3; Polyclonal Antibody; PEG3 Polyclonal Antibody; PW1; ZKSCAN22; ZNF904; ZSCAN24; anti-PEG3 antibody

PRODUCT SPECIFICATIONS

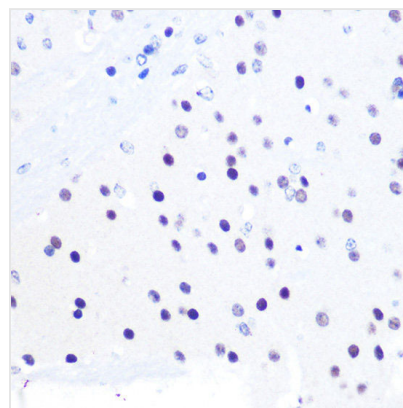
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PEG3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PEG3
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



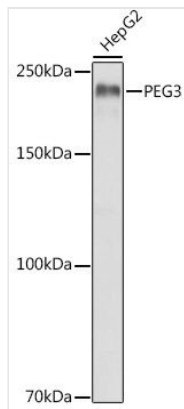
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using PEG3 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using PEG3 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)
Western blot analysis of extracts of HepG2 cells using PEG3 Polyclonal Antibody at 1:1000 dilution.

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	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	226053126
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
Molecular Weight	180,827 Da
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; Kruppel-type zinc finger protein; zinc finger and SCAN domain-containing protein 24
UniProt Protein Name	Paternally-expressed gene 3 protein
UniProt Gene Name	PEG3
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/peg3-antibody-immunohistochemistry-western-blot-elisa/178937>