Anti-PEG3 antibody

Cat. No.	ml262819
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-PEG3 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human PEG3
Reactivity	Human
Content	1.8 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PEG3
Full name	paternally expressed 3
Synonyms	PW1; ZNF904; ZSCAN24; ZKSCAN22
Swissprot	Q9GZU2

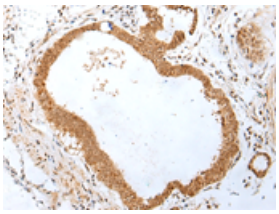
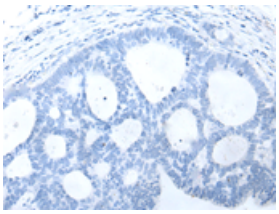
Target Background

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.

Applications

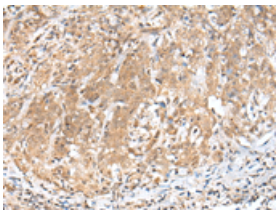
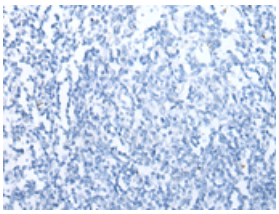
Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus
Positive control: Human gastric cancer
Recommended dilution: 30-150

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml262819(PEG3 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm and Nucleus
Positive control: Human cervical cancer
Recommended dilution: 30-150

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml262819(PEG3 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

联系电话：**4008-898-798，021-61725725**

联系**QQ**：**2881505695，2881505696**

邮箱：**mlbio_cn@yeah.net**

网址：**www.mlbio.cn**