

PEG3 Antibody

Catalog No: #43302

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

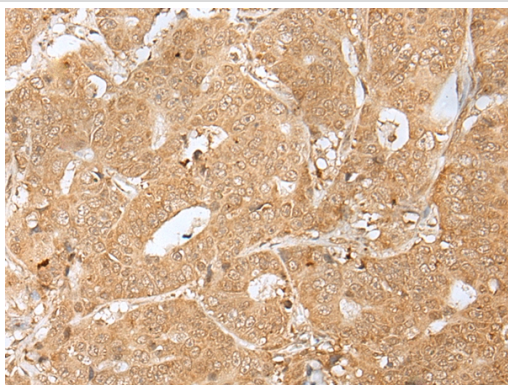
Description

Product Name	PEG3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PEG3 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human PEG3
Target Name	PEG3
Other Names	PW1; ZNF904; ZSCAN24; ZKSCAN22
Accession No.	Swiss-Prot#: Q9GZU2 Gene ID: 5178
Uniprot	Q9GZU2
GeneID	5178;
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

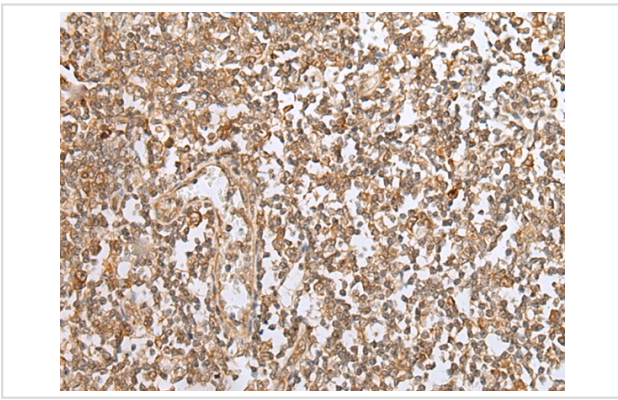
Application Details

Immunohistochemistry: 1:30-1:150

Images



Immunohistochemical analysis of paraffin-embedded Human colorectal cancer tissue using #43302 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using #43302 at dilution 1/20.

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.

Note: This product is for in vitro research use only