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PEG3 Polyclonal Antibody

Catalog # AP71842

Product Information

Application	WB, IHC-P
Primary Accession	Q9GZU2
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	180827

Additional Information

Gene ID	5178
Other Names	PEG3; KIAA0287; ZSCAN24; Paternally-expressed gene 3 protein; Zinc finger and SCAN domain-containing protein 24
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

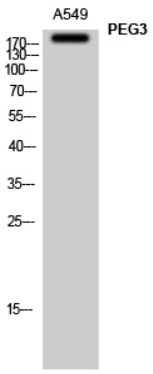
Protein Information

Name	PEG3
Synonyms	KIAA0287, ZSCAN24
Function	Induces apoptosis in cooperation with SIAH1A. Acts as a mediator between p53/TP53 and BAX in a neuronal death pathway that is activated by DNA damage. Acts synergistically with TRAF2 and inhibits TNF induced apoptosis through activation of NF-kappa-B (By similarity). Possesses a tumor suppressing activity in glioma cells.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00187}. Cytoplasm
Tissue Location	Brain, glial cells, astrocytes, embryo, placenta, testis, ovary and uterus. In the placenta it is found in the layer of villous cytotrophoblast cells while in the ovary it is found in the cells of the ovarian stroma including the thecal layers around the follicles. Expression is highly repressed in glioma cell lines

Background

Induces apoptosis in cooperation with SIAH1A. Acts as a mediator between p53/TP53 and BAX in a neuronal death pathway that is activated by DNA damage. Acts synergistically with TRAF2 and inhibits TNF induced apoptosis through activation of NF-kappa-B (By similarity). Possesses a tumor suppressing activity in glioma cells.

Images



Western Blot analysis of A549 cells using PEG3 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.