

PEG10

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:2000

Calculated MW: 80kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PEG10

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

j

Synonym:

EDR; HB-1; Mar2; MEF3L; Mart2; RGAG3;

Catalog #: A2787

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 23089

Isotype: IgG

Swiss Prot: Q86TG7

Purity: Affinity purification

For research use only.

Background:

This is a paternally expressed imprinted gene that encodes transcripts containing two overlapping open reading frames (ORFs), RF1 and RF1/RF2, as well as retroviral-like slippage and pseudoknot elements, which can induce a -1 nucleotide frame-shift. ORF1 encodes a shorter isoform with a CCHC-type zinc finger motif containing a sequence characteristic of gag proteins of most retroviruses and some retrotransposons. The longer isoform is the result of -1 translational frame-shifting leading to translation of a gag/pol-like protein combining RF1 and RF2. It contains the active-site consensus sequence of the protease domain of pol proteins. Additional isoforms resulting from alternatively spliced transcript variants, as well as from use of upstream non-AUG (CUG) start codon, have been reported for this gene. Increased expression of this gene is associated with hepatocellular carcinomas.

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