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## anti-PEG10 antibody (N-Term)

2 Images



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0.0		
Quantity:	400 μL	
Target:	PEG10	
Binding Specificity:	AA 1-30, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PEG10 antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS)	
Product Details		
Immunogen:	This PEG10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PEG10.	
Clone:	RB31292	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	PEG10	
Alternative Name:	PEG10 (PEG10 Products)	
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.

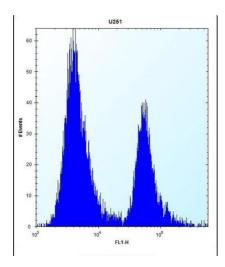
Molecular Weight:	80173	
Gene ID:	23089	
NCBI Accession:	NP_001035242, NP_001171890, NP_001171891, NP_055883	
UniProt:	Q86TG7	

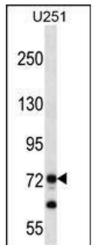
### **Application Details**

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

#### Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	PEG10 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.	
Expiry Date:	6 months	





#### **Flow Cytometry**

**Image 1.** PEG10 Antibody (N-term) (ABIN656590 and ABIN2845851) flow cytometric analysis of cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **Western Blotting**

Image 2. PEG10 Antibody (N-term) (ABIN656590 and ABIN2845851) western blot analysis in cell line lysates (35  $\mu$  g/lane). This demonstrates the PEG10 antibody detected the PEG10 protein (arrow).