

DNAxPAb

Hard-to-Find
Antibody

PEG10 DNAxPab

Catalog # H00023089-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PEG10 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTERRRDELSEEINNLREKVMKQSENNNLQSQVQKLTEENTTLREQVEPTPEDEDDDIELRGAA AAAAPPPPIEEECPEDLPEKFDGNPDMLAPFMAQCQIFMEKSTRDFSVDVRVCFVTSMMTGR AARWASAKLERSHYLMHNYPAFMMEMKHVFEDPQRREVAKRKIRRLRQGMGSVIDYSNAFQMA QDLDWNEPALIDQYHEGLSDHIQEELSHLEVAKSLSALIGQCIIHERRLARAAAARKPRSPPRALVL PHIAHHQVDPTEPVGGARMRLTQEEKERRRKLNLCLYCGTGGHYADNCPAKASKSSPAGNSP APL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PEG10

Entrez GeneID	23089
GeneBank Accession#	NM_001040152.1
Protein Accession#	NP_001035242.1
Gene Name	PEG10
Gene Alias	Edr, HB-1, KIAA1051, MEF3L, Mar2, Mart2, RGAG3
Gene Description	paternally expressed 10
Omim ID	609810
Gene Ontology	Hyperlink
Gene Summary	This gene includes two overlapping reading frames of the same transcript encoding distinct isoforms. The shorter isoform has a CCHC-type zinc finger motif containing a sequence characteristic of gag proteins of most retroviruses and some retrotransposons, and it functions in part by interacting with members of the TGF-beta receptor family. The longer isoform has the active-site DSG consensus sequence of the protease domain of pol proteins. The longer isoform is the result of -1 translational frameshifting that is also seen in some retroviruses. Expression of these two isoforms only comes from the paternal allele due to imprinting. Increased gene expression (as observed by an increase in mRNA levels) is associated with hepatocellular carcinomas. [provided by RefSeq]
Other Designations	MEF3 like 1 embryonal carcinoma differentiation regulated retrotransposon gag domain containing 3