



Rabbit Anti-MAK10 antibody

SL18636R

Product Name:	MAK10
Chinese Name:	胚胎生长相关蛋白MAK10抗体
Alias:	bA379P1.1; Embryonic growth-associated protein homolog; FLJ21613; FLJ22643; N(alpha)-acetyltransferase 35, NatC auxiliary subunit; N-alpha-acetyltransferase 35; N-alpha-acetyltransferase 35, NatC auxiliary subunit; NAA35; NAA35_HUMAN; NatC auxiliary subunit; Protein MAK10 homolog; RP11-379P1.1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	84kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MAK10:151-250/725
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	MAK10 is a 725 amino acid cytoplasmic protein that regulates proliferation of smooth muscle cells. A member of the MAK10 family, MAK10 exists as a component of the N-terminal acetyltransferase C (NatC) complex along with LSmd1 and NAT-12. The gene encoding MAK10 maps to human chromosome 9, which houses over 900 genes and

comprises nearly 4% of the human genome. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and Familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster.

Function:

Regulates proliferation of smooth muscle cells (By similarity). Component of the N-terminal acetyltransferase C (NatC) complex which may catalyze acetylation of N-terminal methionine residues.

Subcellular Location:

Cytoplasm.

Similarity:

Belongs to the MAK10 family.

SWISS:

Q5VZE5

Gene ID:

60560

Database links:

[Entrez Gene: 60560](#) Human

[Entrez Gene: 78689](#) Mouse

[Entrez Gene: 64472](#) Rat

[SwissProt: Q5VZE5](#) Human

[SwissProt: Q6PHQ8](#) Mouse

[SwissProt: Q6DKG0](#) Rat

[Unigene: 436098](#) Human

[Unigene: 253902](#) Mouse

[Unigene: 73698](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

