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MAK10 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57191

Specification

MAK10 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q5VZE5
Reactivity	**Rat, Pig, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**84 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human MAK10**
Epitope Specificity	**151-250/725**
Isotype	**IgG**
Purity affinity purified by Protein A	
Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SUBCELLULAR LOCATION	**Cytoplasm.**
SIMILARITY	**Belongs to the MAK10 family.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions
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.

MAK10 Polyclonal Antibody - Additional Information

Gene ID 60560

Other Names
N-alpha-acetyltransferase 35, NatC auxiliary subunit, Embryonic growth-associated protein homolog, Protein MAK10 homolog, NAA35, EGAP, MAK10

Dilution
IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. 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 ℃.

MAK10 Polyclonal Antibody - Protein Information

Name NAA35

Synonyms EGAP, MAK10

Function
Auxillary component of the N-terminal acetyltransferase C (NatC) complex which catalyzes acetylation of N-terminal methionine residues (PubMed:19398576, PubMed:37891180). N-terminal acetylation protects proteins from ubiquitination and degradation by the N-end rule pathway (PubMed:37891180). Involved in regulation of apoptosis and proliferation of smooth muscle cells (PubMed:19398576).

Cellular Location
Cytoplasm.

MAK10 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MAK10 Polyclonal Antibody - Images