



Rabbit Anti-MAK3/C14orf35 antibody

SL18638R

Product Name:	MAK3/C14orf35
Chinese Name:	14号染色体开放阅读框35抗体
Alias:	C14orf35; Chromosome 14 open reading frame 35; FLJ35355; MAK 3; Mak3p; MGC141884; MGC141885; N acetyltransferase 12 (GCN5 related putative); N acetyltransferase 12; N acetyltransferase MAK3 homolog; NAT12; Putative N acetyltransferase.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,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:	39kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MAK3/C14orf35:251-350/362
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:	MAK3 belongs to the acetyltransferase family, MAK3 subfamily. It contains one N-acetyltransferase domain. It is a probable N-acetyltransferase. Function:

Catalytic subunit of the N-terminal acetyltransferase C (NatC) complex. Catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Leu-Ala and Met-Leu-Gly. Necessary for the lysosomal localization and function of ARL8B suggesting that ARL8B is a NatC substrate.

Subunit:

Component of the N-terminal acetyltransferase C (NatC) complex, which is composed of NAA35, NAA38 and NAA30.

Subcellular Location:

Cytoplasmic

Similarity:

Belongs to the acetyltransferase family. MAK3 subfamily.
Contains 1 N-acetyltransferase domain.

SWISS:

Q147X3

Gene ID:

122830

Database links:

[Entrez Gene: 122830](#) Human

[Entrez Gene: 70646](#) Mouse

[Entrez Gene: 288108](#) Rat

[SwissProt: Q147X3](#) Human

[SwissProt: Q8CES0](#) Mouse

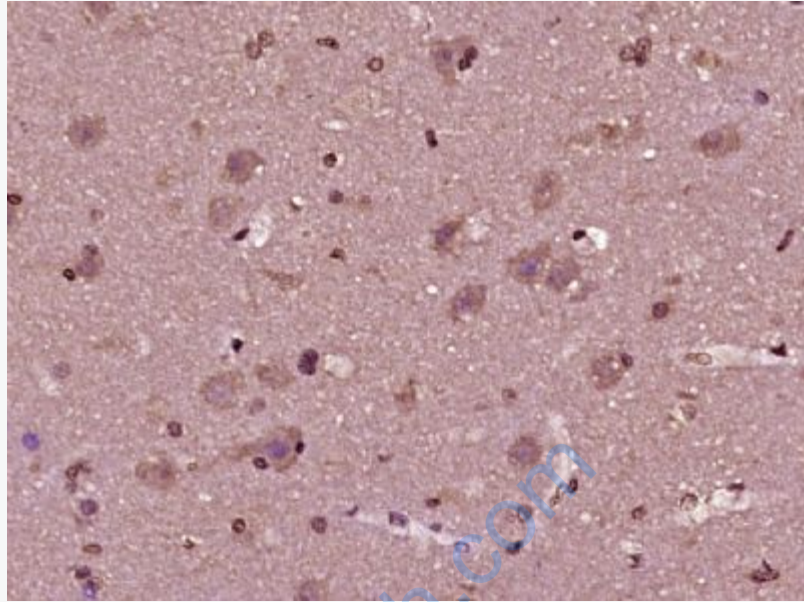
[Unigene: 165465](#) Human

[Unigene: 275688](#) Mouse

[Unigene: 15205](#) Rat

Important Note:

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



Picture:

Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C14orf35) Polyclonal Antibody, Unconjugated (SL18638R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.