

Rabbit Anti-C3Orf34/AP Conjugated antibody

SL15175R-AP

Product Name	Anti-C3Orf34/AP
Chinese Name	碱性磷酸酶 (AP) 标记的 3 号染色体开放阅读框 34 抗体
Alias	Chromosome 3 open reading frame 34; HSD5; LOC84984; MGC14126; CEP19_HUMAN.
Research Area	Tumour Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse) IHC-P=1:100-500,IHC-F=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	19kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human C3Orf34
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: C3orf34 (chromosome 3 open reading frame 34), also known as MGC14126, is a 163 amino acid protein encoded by a gene that maps to human chromosome 3q29. Chromosome 3 is made up of approximately 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis

mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3.

Subcellular Location:

Cytoplasm, cytoskeleton, centrosome, centriole. Cytoplasm, cytoskeleton, spindle pole. Note=Associates with the mother centriole in early interphase. Localizes to spindle poles during mitosis, and to distinct foci oriented.

Similarity:

Belongs to the CEP19 family.

Database links:

[Entrez Gene: 84984](#) Human

[SwissProt: Q96LK0](#) Human

[SwissProt: Q9CQA8](#) Mouse

[SwissProt: Q9QZX9](#) Rat

Important Note:

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