

## Anti-C3Orf34 Polyclonal Antibody

## Product Details

|                   |   |
|-------------------|---|
| Ig Type:          | IgG   |
| Reactivity:       | Mouse (predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse) |
| Molecular Weight: | Theoretical: 19 kDa.                                  |
| Purification:     | Protein A purified                                    |

## Applications

|                    |  |
|--------------------|--|
| Verified Activity: | Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (C3Orf34) Polyclonal Antibody, Unconjugated (TMAB-03434) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining. |
| Application:       | IHC-P,IHC-Fr,IF  |
| Recommended        | IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500   |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | KLH conjugated synthetic peptide: human C3Orf34 |
| Antigen Species: | Human   |
| Gene ID:         | 84984   |
| Uniprot ID:      | Q96LK0  |

## Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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