SunLong Biotech Co.,LTD
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**[ Primary Antibody ]**

# Rabbit Anti-C3Orf34 antibody

**Catalog Number: SL15175R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

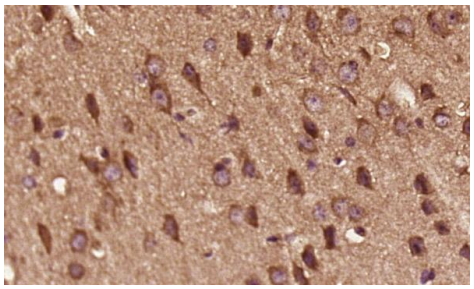
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| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | C3Orf34 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human C3Orf34: 81-163/163 |
| **Purification:** | affinity purified by Protein A |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | IHC-P=1:100-500<br>IHC-F=1:100-500<br>IF=1:100-500 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Mouse(predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse) |
| **Predicted MW.:** | 19kDa |
| **Subcellular Location:** | cytoplasmic |
| **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.<br>**Subcellular Location:** Cytoplasm, cytoskeleton, centrosome, centriole. Cytoplasm, cytoskeleton, spindle pole. Note=Associates with the mother |

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

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| | centriole in early interphase. Localizes to spindle poles during mitosis, and to distinct foci oriented.<br>**Similarity:** Belongs to the CEP19 family.<br>**Database links:**<br>**Entrez Gene:** 84984 Human<br>**SwissProt:** Q96LK0 Human<br>**SwissProt:** Q9CQA8 Mouse<br>**SwissProt:** Q9QZX9 Rat |

## [ VALIDATION IMAGES ]



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (C3Orf34) Polyclonal Antibody, Unconjugated (SL15175R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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