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

# Rabbit Anti-C1orf129 antibody

**Catalog Number: SL15016R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

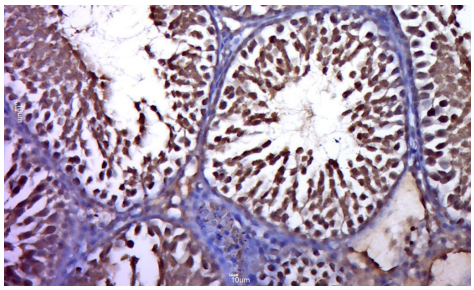
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| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | C1orf129 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human C1orf129: 301-400/573 |
| **Purification:** | affinity purified by Protein 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<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Rat(predicted:Human,Mouse,Dog,Pig,Cow,Rabbit,Sheep) |
| **Predicted MW.:** | 65kDa |
| **Subcellular Location:** | cytoplasmic |
| **Background:** | Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A.<br>When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs. The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis.<br>Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also |

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| | associated with chromosome 1. A breakpoint has been identified in 1q which disrupts the DISC1 gene and is linked to schizophrenia. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma.<br>The C1orf129 gene product has been provisionally designated C1orf129 pending further characterization.<br>**Similarity:** Contains 5 HEAT repeats.<br>**Database links:**<br>**Entrez Gene:** 80133 Human<br>**SwissProt:** Q5TGP6 Human |

## [ VALIDATION IMAGES ]



Paraformaldehyde-fixed, paraffin embedded (Rat testis); 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 (Chromosome 1 open reading frame 129; C1orf129) Polyclonal Antibody, Unconjugated (SL15016R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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