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

# Rabbit Anti-C6orf146 antibody

**Catalog Number: SL15223R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

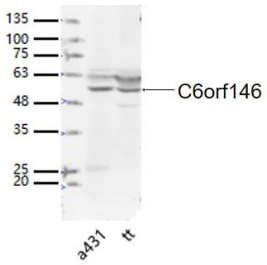
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|---|---|
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | C6orf146 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human C6orf146: 301-400/508 |
| **Purification:** | affinity purified 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:** | WB=1:500-2000 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Human |
| **Subcellular Location:** | The nucleus cytoplasmic |
| **Background:** | Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria.<br>Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatiblity complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6.<br>The C6orf146 gene product has been provisionally designated C6orf146 pending further characterization. |

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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| | **Similarity:** Belongs to the FAM217 family.<br>**Database links:**<br>**Entrez Gene:** 222826 Human<br>**SwissProt:** Q8IXS0 Human<br>**SwissProt:** Q9D9W6 Mouse<br>**SwissProt:** Q5XHY8 Rat |

## [ VALIDATION IMAGES ]




Sample:
A549(Human) Cell Lysate at 30 ug
TT(Human) Cell Lysate at 30 ug
Primary: Anti-C6orf146 (SL15223R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 55 kD
Observed band size: 55 kD

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