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

# Rabbit Anti-C6orf204 antibody

**Catalog Number: SL15238R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

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| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | C6orf204 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human C6orf204 : 451-550/805 |
| **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>ICC/IF=1:100-500<br>IF=1:100-500<br>ELISA=1:5000-10000 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | (predicted: Human, Mouse, Rat, Dog, Pig, Cow, Horse, Sheep) |
| **Predicted MW.:** | 92kDa |
| **Subcellular Location:** | 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. |

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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| | 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 C6orf204 gene product has been provisionally designated C6orf204 pending further characterization.<br>**Subcellular Location:** Cytoplasm, cytoskeleton, centrosome (Probable). Note=Subcellular experiments using a GFP-tagged system produced a weak signal, rendering it difficult to confirm centrosome association.<br>**Tissue Specificity:** soform 1 and isoform 4 are expressed in spleen, lymph, thymus, tonsil and peripheral blood leukocytes, with isoform 1 expressed at higher levels. Isoform 4 is detected in K-562 leukemia cells and in the blood of precursor T lymphoblastic lymphoma (T-ALL) patients.<br>DISEASE: Note=A chromosomal aberration involving CEP85L is found in a patient with T-lymphoblastic lymphoma (T-ALL) and an associated myeloproliferative neoplasm (MPN) with eosinophilia. Translocation t(5;6)(q33-34;q23) with PDGFRB. The translocation fuses the 5'-end of CEP85L (isoform 4) to the 3'-end of PDGFRB.<br>**Similarity:** Belongs to the CEP85 family.<br>**Database links:**<br>**Entrez Gene:** 387119 Human<br>**SwissProt:** Q5SZL2 Human<br>**Unigene:** 656959 Human |

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