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[Marker Primary Antibody]

Rabbit Anti-C6orf120/AF647 Conjugated antibody

Catalog Number: SL9534R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-C6orf120/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human C6orf120
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Chicken,Pig,Cow)
Background:	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. 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. The C6orf120 gene product has been provisionally designated C6orf120

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	pending further characterization. **Function:** May be involved in induction of apoptosis in CD4(+) T-cells, but not CD8(+) T-cells or hepatocytes. **Subcellular Location:** Secreted. Note=Secreted by hepatocytes. **Tissue Specificity:** Mainly expressed in hepatocytes and some weak expression in germinal center cells of lymph nodes. **Similarity:** Belongs to the UPF0669 family. **Database links:** **Entrez Gene:** 387263 Human **Entrez Gene:** 67912 Mouse **SwissProt:** Q7Z4R8 Human **SwissProt:** Q9DAY5 Mouse Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.