



## Rabbit Anti-C6orf204 antibody

SL15238R

<b>Product Name:</b>	C6orf204
<b>Chinese Name:</b>	6号染色体开放阅读框204抗体
<b>Alias:</b>	bA57K17.2; C6orf204; centrosomal protein 85kDa-like; CE85L_HUMAN; Coiled-coil domain-containing protein C6orf204; NY-BR-15; RP11-57K17.2; Serologically defined breast cancer antigen NY-BR-15.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	92kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human C6orf204 :451-550/805
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 histocompatibility 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 C6orf204 gene product has been provisionally designated C6orf204 pending further characterization.

**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.

**Tissue Specificity:**

Isoform 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.

**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.

**Similarity:**

Belongs to the CEP85 family.

**SWISS:**

Q5SZL2

**Gene ID:**

387119

**Database links:**

[Entrez Gene: 387119](#)Human

[SwissProt: Q5SZL2](#)Human

[Unigene: 656959](#)Human

**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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