

C6orf204 Rabbit pAb

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Catalog # AP55890

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q5SZL2
Predicted	Rat, Pig, Dog, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	91808
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C6orf204
Epitope Specificity	451-550/805
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
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.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. Porphyrria 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.

Additional Information

Gene ID 387119

Other Names	Centrosomal protein of 85 kDa-like, Serologically defined breast cancer antigen NY-BR-15, CEP85L (HGNC:21638), C6orf204
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	CEP85L (HGNC:21638)
Synonyms	C6orf204
Function	Plays an essential role in neuronal cell migration.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Note=Localized specifically to the pericentriolar region
Tissue Location	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.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.