

C6orf204 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55890

Specification

C6orf204 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q5SZL2
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92 KDa
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.
SIMILARITY	Belongs to the CEP85 family.
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. 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.

C6orf204 Polyclonal Antibody - Additional Information

Gene ID 387119

Other Names

Centrosomal protein of 85 kDa-like, Serologically defined breast cancer antigen NY-BR-15, CEP85L (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=21638), C6orf204

Target/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.

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

C6orf204 Polyclonal Antibody - 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.

C6orf204 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

C6orf204 Polyclonal Antibody - Images