

C10orf96 Rabbit pAb

Catalog # AP96532

Product Information

Application	WB
Primary Accession	P0C7W6
Other Accession	P0C7W6
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31035
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C10orf96
Epitope Specificity	161-258/258
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	C10orf96 is a 258 amino acid protein belonging to the UPF0628 family and is encoded by a gene located on human chromosome 10. Spanning nearly 135 million base pairs, chromosome 10 makes up approximately 4.5% of total DNA in cells and encodes nearly 1,200 genes. Several protein-coding genes, including those that encode for chemokines, cadherins, excision repair proteins, early growth response factors (Egrs) and fibroblast growth receptors (FGFRs), are located on chromosome 10. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Additional Information

Gene ID	374355
Other Names	C10orf96; CC172_HUMAN; CCDC172; coiled-coil domain containing 172; chromosome 10 open reading frame 96
Dilution	WB=1:500-2000
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	CCDC172
Synonyms	C10orf96
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:Q810N9}. Cell projection, cilium {ECO:0000250 UniProtKB:Q6AXT4}. Note=In spermatozoa, localized in the middle piece, predominantly concentrated at the mitochondrial sheath of the flagella and to a lesser extent with outer dense fibers (ODF) (By similarity). Colocalized with TEKT2 at the perinuclear region (By similarity). {ECO:0000250 UniProtKB:Q6AXT4, ECO:0000250 UniProtKB:Q810N9}

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