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C19orf51 Rabbit pAb

Catalog # AP96186

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8N9W5
Other Accession	Q8N9W5
Reactivity	Rat, Mouse
Predicted	Pig, Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59410
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C19orf51
Epitope Specificity	151-250/541
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the UPF0470 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	C19orf51 is a 541 amino acid protein that exists as three alternatively spliced isoforms and are encoded by a gene located on human chromosome 19. Chromosome 19 consists of approximately 63 million bases and makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fcα receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulin-dependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene BCL3.

Additional Information

Gene ID	352909
Other Names	C19orf51; CILD2; DAB1; PCD; PF22; DAAF3_HUMAN; DNAAF3; dynein axonemal assembly factor 3; chromosome 19 open reading frame 51; ciliary dyskinesia, primary 2; dynein, axonemal, assembly factor 3; dynein (axonemal) assembly factor 3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

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	DNAAF3
Synonyms	C19orf51
Function	Required for the assembly of axonemal inner and outer dynein arms. Involved in preassembly of dyneins into complexes before their transport into cilia.
Cellular Location	Cytoplasm. Dynein axonemal particle {ECO:0000250|UniProtKB:Q32NQ7}

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