

C3orf59 Rabbit pAb

Catalog # AP96603

Product Information

Application	WB
Primary Accession	Q8IYB1
Other Accession	Q8IYB1
Reactivity	Human, Mouse
Predicted	Rat, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55800
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C3orf59/MB21D2
Epitope Specificity	231-330/491
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 mab-21 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3. The C3orf59 gene product has been provisionally designated C3orf59 pending further characterization.

Additional Information

Gene ID	151963
Other Names	C3orf59; D2A; hMB21D2; M21D2_HUMAN; MB21D2; Mab-21 domain-containing protein 2 (hMB21D2); 2.7.7.-; Mab-21 domain containing 2; chromosome 3 open reading frame 59; DANGER family member 2A
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	MB21D2 {ECO:0000303 PubMed:34261127, ECO:0000312 HGNC:HGNC:30438}
Function	Probable nucleotidyltransferase that catalyzes the formation of cyclic dinucleotide second messenger in response to some unknown stimulus.

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