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C3orf23 Rabbit pAb

Catalog # AP97432

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8N3R3
Other Accession	Q8N3R3
Reactivity	Human
Predicted	Rat, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57925
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C3orf23
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	C3orf23 (chromosome 3 open reading frame 23), also known as FLJ41686, MGC119530, MGC119531, MGC119532, MGC119533 or DKFZp313N062, is a 496 amino acid protein that exists as four alternatively spliced isoforms. C3orf23 is encoded by a gene mapping to human chromosome 3p21.33. Chromosome 3 is made up of approximately 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.

Additional Information

Gene ID	285343
Other Names	C3orf23; TOAG-1; TOAG1; TCAIM_HUMAN; TCAIM; Tolerance associated gene-1 protein (TOAG-1); TCAIM_MOUSE; D9Ertd402e; T cell activation inhibitor, mitochondrial; tolerance associated gene-1
Dilution	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	TCAIM
Synonyms	C3orf23, TOAG1
Function	May regulate T-cell apoptosis.
Cellular Location	Mitochondrion.

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