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C21ORF62 Rabbit pAb

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Catalog # AP59449

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9NYP8
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24852
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C21ORF62
Epitope Specificity	51-150/219
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	The smallest of the human chromosomes, 21 makes up about 1.5% of the human genome. Chromosome 21 contains nearly 300 genes and 47 million base pairs. Down syndrome, also known as trisomy 21, is the disease most commonly associated with chromosome 21. Alzheimer's disease, Jervell and Lange-Nielsen syndrome and amyotrophic lateral sclerosis are also associated with chromosome 21. Translocations are found to occur between chromosome 21 and 8, and chromosome 21 and 12, in certain leukemias. The C21orf62 gene product has been provisionally designated C21orf62 pending further characterization.

Additional Information

Gene ID	56245
Other Names	Exosomal polycystin-1-interacting protein {ECO:0000312|HGNC:HGNC:1305}, B37, Polycystin-1-interacting protein 1, EPCIP (HGNC:1305)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	EPCIP (HGNC:1305)
Function	Likely to be involved with PKD1 in the detection, sequestration and exocytosis of senescent mitochondria.
Cellular Location	Vesicle. Secreted, extracellular exosome. Note=Detected on migrasomes and on extracellular exosomes in blood and urine
Tissue Location	Detected in the kidney and in the endothelium of large blood vessels (at protein level).

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