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C8orf80 Rabbit pAb

Catalog # AP98289

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q68CJ6
Other Accession	Q68CJ6
Predicted	Rat, Pig, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	91132
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C8orf80
Epitope Specificity	601-700/796
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	Made up of nearly 146 million bases, chromosome 8 encodes about 800 genes. Translocation of portions of chromosome 8 with amplifications of the c-Myc gene are found in some leukemias and lymphomas, and typically associated with a poor prognosis. Portions of chromosome 8 have been linked to schizophrenia and bipolar disorder. Trisomy 8, also known as Warkany syndrome 2, most often results in early miscarriage but is occasionally seen in a mosaic form in surviving patients who suffer to a varying degree from a number of symptoms including retarded mental and motor development, and certain facial and developmental defects. WRN is a DNA helicase encoded by chromosome 8 and shown defective in those with the early aging disorder Werner syndrome. Chromosome 8 is also associated with Pfeiffer syndrome, congenital hypothyroidism and Waardenburg syndrome. The C8orf80 gene product has been provisionally designated C8orf80 pending further characterization.

Additional Information

Gene ID	389643
Other Names	C8orf80; HMFN0672; SLIP-GC; SLIPGC; SLIP_HUMAN; NUGGC; Speckled-like pattern in the germinal center; 3.6.1.-; nuclear GTPase, germinal center associated; chromosome 8 open reading frame 80
Dilution	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	NUGGC
Synonyms	C8orf80
Function	Nuclear GTPase found in germinal center B-cells, where it may inhibit function of the activation-induced cytidine deaminase AICDA (PubMed:19734146). Reduces somatic hypermutation in B-cells which may enhance genome stability (By similarity).
Cellular Location	Nucleus speckle.
Tissue Location	Expressed in germinal center B-cell and in lymphomas derived from germinal center B-cell

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