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DEF8 Rabbit pAb

Catalog # AP96844

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q6ZN54
Other Accession	Q6ZN54
Predicted	Rat, Human, Mouse, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58710
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DEF8
Epitope Specificity	151-250/512
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 DEF8 family. Contains 2 phorbol-ester/DAG-type zinc fingers.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	DEF8 is a 512 amino acid protein that is expressed at highest levels in peripheral leukocytes. It is expressed as five isoforms as a result of alternative splicing events. The gene encoding DEF8 maps to chromosome 16, which encodes over 900 genes in approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. The rare disorder Rubinstein-Taybi syndrome is associated with chromosome 16, as is Crohn's disease, a gastrointestinal inflammatory condition that may involve the NOD2 gene. An association with systemic lupus erythematosis and a number of other autoimmune disorders with the pericentromeric region of chromosome 16 has led to the identification of SLC5A11 as a potential autoimmune modifier.

Additional Information

Gene ID	54849
Other Names	DEFI8_HUMAN; DEF8; DEF-8; differentially expressed in FDCP 8 homolog; differentially expressed in FDCP 8 homolog (mouse)
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	DEF8
Function	Positively regulates lysosome peripheral distribution and ruffled border formation in osteoclasts. Involved in bone resorption.

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