

DEF8 Rabbit pAb

Catalog # AP96844

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q6ZN54
Other Accession	Q6ZN54
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 erythematosus 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'.