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EVPLL Rabbit pAb

Catalog # AP99730

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	A8MZ36
Other Accession	A8MZ36
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33953
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EVPLL
Epitope Specificity	101-200/301
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 plakin or cytolinker family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	EVPLL (envoplakin-like protein) is a 301 amino acid protein that belongs to the plakin or cytolinker family. The gene encoding EVPLL maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

Additional Information

Gene ID	645027
Other Names	EVPLL_HUMAN; EVPLL; envoplakin like
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 EVPLL

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