

EAN57 Rabbit pAb

Catalog # AP98597

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O43247
Other Accession	O43247
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30725
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EAN57
Epitope Specificity	201-280/280
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	EAN57 is a 59 amino acid protein encoded by the C22orf33 protein. Chromosome 22 contains over 500 genes and about 49 million bases. Being the second smallest human chromosome, 22 contains a surprising variety of interesting genes. Phelan-McDermid syndrome, Neurofibromatosis type 2 and autism are associated with chromosome 22. A schizophrenia susceptibility locus has been identified on chromosome 22 and studies show that 22q11 deletion symptoms include a high incidence of schizophrenia. Translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein, BCR-Abl, a potent cell proliferation activator found in several types of leukemia.

Additional Information

Gene ID	339669
Other Names	C22orf33; EAN57; TEX33; cE81G9.2; CMIP4_HUMAN; CIMIP4; Testis-expressed protein 33;
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	CIMIP4 (HGNC:28568)
Synonyms	C22orf33, EAN57, TEX33
Function	Seems to be associated with spermiogenesis but is not essential for sperm development and male fertility.
Cellular Location	Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250 UniProtKB:Q9D9J2}. Cell projection, cilium, flagellum {ECO:0000250 UniProtKB:Q9D9J2}

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