

**EAN57 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16780a****Specification**

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**EAN57 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O43247</a>
Other Accession	<a href="#">NP_848647.1</a> , <a href="#">NP_001157329.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	30725
Antigen Region	1-30

**EAN57 Antibody (N-term) - Additional Information****Gene ID** 339669**Other Names**

Testis-expressed sequence 33 protein, TEX33, C22orf33, EAN57

**Target/Specificity**

This EAN57 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human EAN57.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

EAN57 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**EAN57 Antibody (N-term) - 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**

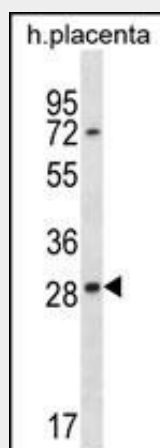
Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q9D9J2}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9D9J2}

#### **EAN57 Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **EAN57 Antibody (N-term) - Images**



EAN57 Antibody (N-term) (Cat. #AP16780a) western blot analysis in human placenta tissue lysates (35ug/lane). This demonstrates the EAN57 antibody detected the EAN57 protein (arrow).

#### **EAN57 Antibody (N-term) - Background**

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.

#### **EAN57 Antibody (N-term) - References**

Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :