

DNAxPAb

Hard-to-Find
Antibody

SPA17 DNAxPab

Catalog # H00053340-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SPA17 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSIPFSNTHYRIPQGFGNLLEGLTREILREQPDNIPAFAAAYFESLLEKREKTNFDPAEWGSKVED RFYNNHAFEEQEPPEKSDPKQEEESQISGKEEETSVTILDSSEEDKEKEEVAAVKIQAAFRGHIARE EAKKMKTNSLQNEEKEENK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SPA17

Entrez GeneID [53340](#)**GeneBank Accession#** [NM_017425.2](#)**Protein Accession#** [NP_059121.1](#)**Gene Name** SPA17**Gene Alias** SP17, SP17-1**Gene Description** sperm autoantigenic protein 17**Omim ID** [608621](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a protein present at the cell surface. The N-terminus has sequence similarity to human cAMP-dependent protein kinase A (PKA) type II alpha regulatory subunit (RIIa) while the C-terminus has an IQ calmodulin-binding motif. The central portion of the protein has carbohydrate binding motifs and likely functions in cell-cell adhesion. The protein was initially characterized by its involvement in the binding of sperm to the zona pellucida of the oocyte. Recent studies indicate that it is also involved in additional cell-cell adhesion functions such as immune cell migration and metastasis. A retrotransposed pseudogene is present on chromosome 10q22

Other Designations sperm protein 17