

DNAxPAb

Hard-to-Find  
Antibody

# SPAG6 DNAxPab

Catalog # H00009576-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SPAG6 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MSQRQVLQVFEQYQKARTQFVQMVAELATRPQNIETLQNAGVMSLLRLLLLDVVPTIQQTAALAL GRLANYNDLAEAVVKCDILPQLVYSLAEQNRFYKAAAFVLRVKGKSPQLAQAMDCGALDTL VICLEDFDPGVKEAAAWALRYARHNAELSQAVVDAGAVPLLVLCIQEPEIALKRIAASALSDIAKH SPELAQTVVDAGAVAHLAQMILNPDAKLKHQILSALSQVSKHSVDLAEMVVEAEIFPVVLTCLKD KDEYVKKNASTLIREIAKHTPELSQLVFNAGGVAVIDCIGSCKGNTRLPGIMMLGYVAAHSENLAM AVIISKGVPQLSVCLSEEPEDHIKAAAALGQIGRHTPEHARAVAVTNTLPVLLSLYMSTESSED LQVKSCKAIKNILQKCTYLPALPEFLYDAPPNILKHVVGGQFSKVLPHDSKARRLFVTSGGLKKVQEI KAEPGSLLEQYINSINSCYPEEMRYSPGYSDTLLQRVDSYQPLNN
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 — SPAG6

Entrez GeneID [9576](#)

GeneBank Accession# [NM\\_012443.2](#)

Protein Accession# [NP\\_036575.1](#)

Gene Name SPAG6

Gene Alias DKFZp434I153, MGC26276, Repro-SA-1, pf16

Gene Description sperm associated antigen 6

Omim ID [605730](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The correlation of anti-sperm antibodies with cases of unexplained infertility implicates a role for these antibodies in blocking fertilization. Improved diagnosis and treatment of immunologic infertility, as well as identification of proteins for targeted contraception, are dependent on the identification and characterization of relevant sperm antigens. The protein expressed by this gene is recognized by anti-sperm antibodies from an infertile man. This protein localizes to the tail of permeabilized human sperm and contains eight contiguous armadillo repeats, a motif known to mediate protein-protein interactions. Studies in mice suggest that this protein is involved in sperm flagellar motility and maintenance of the structural integrity of mature sperm. Alternatively spliced variants that encode different protein isoforms have been described but the full-length sequences of only two have been determined. [provided by RefSeq]

**Other Designations** OTTHUMP00000019296|OTTHUMP00000019297|axoneme central apparatus protein|sperm flagellar protein

## Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)