

SPAG11B Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56762

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q08648
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11431

Additional Information

Gene ID	10407;653423
Other Names	Sperm-associated antigen 11B, Human epididymis-specific protein 2, He2, Protein EP2, Sperm antigen HE2, SPAG11B, EP2, HE2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	SPAG11B (HGNC:14534)
Function	Has antimicrobial activity against E.coli (By similarity). Plays a role in the defense response in the male reproductive tract, contributing to sperm maturation, storage and protection (By similarity).
Cellular Location	Secreted.
Tissue Location	Specifically expressed in caput and proximal corpus of epididymis (at protein level) (PubMed:8167223). Present in the epididymal epithelium and on the sperm surface, with a subacrosomal equatorial distribution on the sperm head (at protein level) (PubMed:8167223).

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