

Datasheet for ABIN630959
anti-SPAG8 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	SPAG8
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPAG8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SPAG8 antibody was raised using the middle region of SPAG8 corresponding to a region with amino acids PAPT _K PHDYRQEQPETFWIQRAPQLPTWWPLPTQVPAEDYLTWKEWGFT
Specificity:	SPAG8 antibody was raised against the middle region of SPAG8
Purification:	Affinity purified

Target Details

Target:	SPAG8
Alternative Name:	SPAG8 (SPAG8 Products)
Background:	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

Target Details

identification and characterization of relevant sperm antigens. SPAG8 is recognised by sperm agglutinating antibodies from an infertile woman. This protein is localized in germ cells of the testis at all stages of spermatogenesis and is localized to the acrosomal region of mature spermatozoa.

Molecular Weight: 53 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: SPAG8 Blocking Peptide, catalog no. 33R-6974, is also available for use as a blocking control in assays to test for specificity of this SPAG8 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SPAG8 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. SPAG8 antibody used at 1 ug/ml to detect target protein.