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Datasheet for ABIN6991620
anti-SPATA19 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	SPATA19
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This SPATA19 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	SPATA19 antibody was raised against an 17 amino acid synthetic peptide near the amino terminus of human SPATA19. The immunogen is located within amino acids 30 - 80 of SPATA19.
Isotype:	IgY
Specificity:	At least two isoforms of SPATA19 are known to exist, this antibody will detect both isoforms. SPATA19 antibody is predicted to not cross-react with other SPATA family members.
Purification:	SPATA19 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SPATA19
Alternative Name:	SPATA19 (SPATA19 Products)

Target Details

Background: SPATA19 Antibody: SPATA19, also known as SPERGEN1, was initially identified as a testis-specific protein that localizes to the surface of mitochondria in the middle piece of mature spermatozoa. Recent experiments have shown that elevated levels of SPATA19 have been found in basal cell carcinomas and prostate cancers, suggesting that SPATA19 may serve as a putative cancer biomarker and a target for cancer immunotherapy.

Molecular Weight: Predicted: 18 kDa

Observed: 26 kDa

Gene ID: 219938

UniProt: [Q7Z5L4](#)

Application Details

Application Notes: SPATA19 antibody can be used for detection of SPATA19 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SPATA19 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SPATA19 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.