

Datasheet for ABIN6991619
anti-SPATA18 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	SPATA18
Binding Specificity:	AA 90-140, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This SPATA18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	SPATA18 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human SPATA18. The immunogen is located within amino acids 90 - 140 of SPATA18.
Isotype:	IgY
Specificity:	At least three isoforms of SPATA18 are known to exist, this antibody will detect the two longest isoforms. SPATA18 antibody is predicted to not cross-react with other SPATA family members.
Purification:	SPATA18 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SPATA18
Alternative Name:	SPATA18 (SPATA18 Products)

Target Details

Background: SPATA18 Antibody: SPATA18, also known as SPETEX-1, was initially identified as a cytoplasmic protein of elongate spermatids that is thought to be involved in differentiation process of elongate spermatids to mature spermatozoa. Recent experiments have shown that SPATA18 is a transcriptional target of p53 and p63. It has also been suggested to play a role in mitochondria quality control by inducing intramitochondrial lysosome-like organelle that eliminate oxidized mitochondrial proteins.

Gene ID: 132671

NCBI Accession: [NP_660306](#)

UniProt: [Q8TC71](#)

Application Details

Application Notes: SPATA18 antibody can be used for detection of SPATA18 by Western blot at 1 µg/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SPATA18 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: SPATA18 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.