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Datasheet for ABIN6991619

anti-SPATA18 antibody (N-Term)

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.