

Datasheet for ABIN1888123
anti-SPATA18 antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SPATA18
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPATA18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	19 amino acid peptide near the amino terminus of human SPATA18.
Cross-Reactivity (Details):	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:	Affinity chromatography purified via peptide column

Target Details

Target:	SPATA18
Alternative Name:	SPATA18 (SPATA18 Products)
Background:	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

Target Details

of p53 and p63.It has also been suggested to play a role in mitochondria quality control by inducing intramitochondrial lysosome-like organella that eliminate oxidized mitochondrial proteins.

Synonyms: Spermatogenesis associated protein 18, MIEAP, SPETEX1

NCBI Accession: [NP_660306](#)

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid freezing and thawing repeatly.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term use.Store at -20 °C for long term preservation.