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Datasheet for ABIN1713908
anti-SPATA3 antibody (AA 101-183)

Overview

Quantity:	100 µL
Target:	SPATA3
Binding Specificity:	AA 101-183
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPATA3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SPATA3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SPATA3
Alternative Name:	SPATA3 (SPATA3 Products)

Target Details

Background: Synonyms: 1700011N12Rik, 1700029H01Rik, 4930424D10Rik, Mtsarg1, SPATA3, Spermatogenesis-associated protein 3, SPTA3_HUMAN, Testis and spermatogenesis cell-related protein 1, Testis spermatocyte apoptosis-related protein 1, Tsarg1.

Background: TSARG1 is a 183 amino acid protein predominantly expressed in the testis. TSARG1 was initially discovered due to its possible role in spermatogenesis or spermatogenesis cell apoptosis and it may be linked to cell cycle control. Apoptosis during spermatogenesis is a natural occurrence and typically effects 75-80 % of the germ cells. This high rate of apoptosis is required for normal mature spermatogenesis. It may be a consequence of mutated DNA but it is also believed to ensure a proper ratio between Sertoli cells and germ cells.

Gene ID: 130560

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months