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Datasheet for ABIN6986080
anti-SPERT antibody (AA 1-100) (Cy7)

Overview

Quantity:	100 µL
Target:	SPERT
Binding Specificity:	AA 1-100
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPERT antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SPERT.
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SPERT
Alternative Name:	SPERT (SPERT Products)

Target Details

Background: Synonyms: Spermatid-associated protein, SPERT, Protein chibby homolog 2, SPERT, CBY2

Background: A variety of morphological and molecular changes are required for spermatozoa formation. These steps are temporally guided by the transcription and translation of several testis-specific genes. SPERT (spermatid associated), also known as CBY2 (chibby homolog 2), spermatid flower-like structure protein or NURIT, is a 448 amino acid novel leucine-zipper protein belonging to the chibby family of proteins. Expressed uniquely in the spermatid flower-like structure, SPERT interacts with Nek1, a member of the NIMA-family kinase family that is associated centrosomal stability and ciliogenesis. Containing a leucine-zipper motif and two coiled-coil regions, SPERT is transcribed through the elongation stage of the spermatids. SPERT is absent from mature spermatozoa and is thought to be involved in transporting proteins that are to be discarded via the residual bodies.

Gene ID: 220082

UniProt: [Q8NA61](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months