

Datasheet for ABIN7444541
anti-SPA17 antibody (AA 1-149)

2 Images

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Overview

Quantity:	100 µL
Target:	SPA17
Binding Specificity:	AA 1-149
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPA17 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Sperm Protein 17 (Sp17)
Immunogen:	Recombinant Sperm Protein 17 (Sp17) corresponding to Met1~Asn149 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against Sp17. It has been selected for its ability to recognize Sp17 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

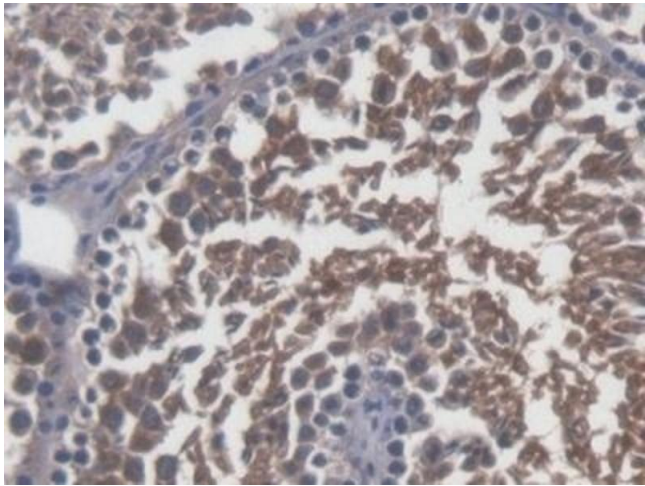
Target:	SPA17
Alternative Name:	Sperm Protein 17 (SPA17 Products)
Background:	SPA17, SP17, SP17-1, CT22, Sperm Autoantigenic Protein 17, Cancer/Testis Antigen 22

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

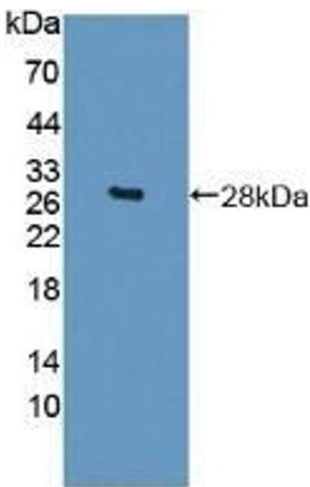
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of Sp17 in Mouse Testis Tissue using Polyclonal Antibody to Sperm Protein 17 (Sp17)



Western Blotting

Image 2. Detection of Recombinant Sp17, Mouse using Polyclonal Antibody to Sperm Protein 17 (Sp17)