

Datasheet for ABIN7159201
anti-SPO11 antibody (AA 28-109)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	SPO11
Binding Specificity:	AA 28-109
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPO11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Meiotic recombination protein SPO11 protein (28-109AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SPO11
Alternative Name:	SPO11 (SPO11 Products)
Background:	Background: Component of a topoisomerase 6 complex specifically required for meiotic recombination. Together with TOP6BL, mediates DNA cleavage that forms the double-strand

Target Details

breaks (DSB) that initiate meiotic recombination. The complex promotes relaxation of negative and positive supercoiled DNA and DNA decatenation through cleavage and ligation cycles.

Essential for the phosphorylation of SMC3, HORMAD1 and HORMAD2.

Aliases: Cancer/testis antigen 35 antibody, CT35 antibody, Meiotic recombination protein SPO11 antibody, Meiotic recombination protein SPO11 antibody, MGC39953 antibody, SPATA43 antibody, Spermatogenesis associated 43 antibody, SPO11 antibody, SPO11 antibody, SPO11 meiotic protein covalently bound to DSB antibody, SPO11 meiotic protein covalently bound to DSB homolog antibody, SPO11 meiotic protein covalently bound to DSB like antibody, SPO11_HUMAN antibody, TOPVIA antibody

UniProt: [Q9Y5K1](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

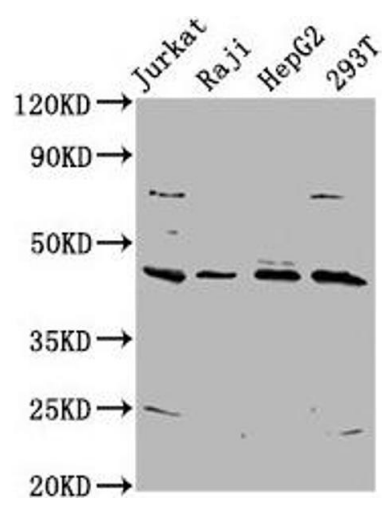
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: Jurkat whole cell lysate, Raji whole cell lysate, HepG2 whole cell lysate, 293T whole cell lysate All lanes: SP011 antibody at 5.8 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 45, 41 kDa Observed band size: 45 kDa