

Datasheet for ABIN1537088
anti-SP011 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	SP011
Binding Specificity:	AA 299-326, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SP011 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SP011 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 299-326 amino acids from the C-terminal region of human SP011.
Clone:	RB37642
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SP011
Alternative Name:	SP011 (SP011 Products)
Background:	Meiotic recombination and chromosome segregation require the formation of double-strand

Target Details

breaks (DSBs) in paired chromosome homologs. During meiosis in yeast, a meiotic recombination protein is covalently-linked to the 5' end of DSBs and is essential for the formation of DSBs. The protein encoded by this gene is similar in sequence and conserved features to the yeast meiotic recombination protein. The encoded protein belongs to the TOP6A protein family. Several transcript variants encoding different isoforms have been found for this gene, but the full-length nature of only two of them have been described.

Molecular Weight: 44537

Gene ID: 23626

NCBI Accession: [NP_036576](#), [NP_937998](#)

UniProt: [Q9Y5K1](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

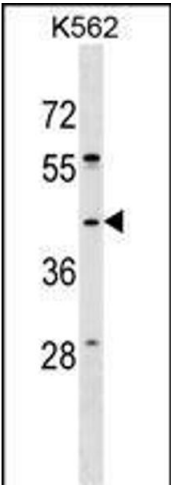
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: SP011 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. SPO11 Antibody (C-term) (ABIN1537088 and ABIN2849198) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the SPO11 antibody detected the SPO11 protein (arrow).