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Datasheet for ABIN7119445
anti-SP011 antibody

Overview

Quantity:	100 µg
Target:	SP011
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SP011 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	SP011 meiotic protein covalently bound to DSB homolog(<i>S. cerevisiae</i>)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SP011
Alternative Name:	SP011 (SP011 Products)
Background:	Synonyms: Background:Component of a topoisomerase 6 complex specifically required for meiotic recombination. Together with TOP6BL, mediates DNA cleavage that forms the double-strand breaks(DSB) that initiate meiotic recombination. The complex promotes relaxation of negative and positive supercoiled DNA and DNA decatenation through cleavage and ligation

Target Details

cycles. Essential for the phosphorylation of SMC3, HORMAD1 and HORMAD2.

Molecular Weight: 55-70 kDa

Gene ID: 23626

UniProt: [Q9Y5K1](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months