

SPO11 Antibody



PACO59577

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000

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

Gene ID:

SPO11

Uniprot

Q9Y5K1

Synonyms:

Meiotic recombination protein SPO11 (EC 5.99.1.3) (Cancer/testis antigen 35) (CT35), SPO11

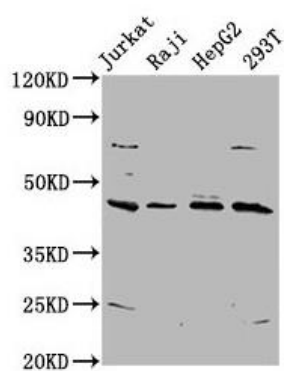
Immunogen:

Recombinant Human Meiotic recombination protein SPO11 protein (28-109AA).

Storage:

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

Product Images



Western Blot. Positive WB detected in: Jurkat whole cell lysate, Raji whole cell lysate, HepG2 whole cell lysate, 293T whole cell lysate. All lanes: SPO11 antibody at 5.8 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 45, 41 kDa. Observed band size: 45 kDa.