www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

Phospho-ESPL1-S1126

Reactivity: Human

Tested applications:WB IF

Recommended Dilution:WB 1:500 - 1:2000 IF 1:20 - 1:100

Calculated MW:233kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S1126 of human ESPL1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

b

Synonym:

ESP1; SEPA

Catalog #:AP0469

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:9700

Isotype: IgG

Swiss Prot:Q14674

Purity: Affinity purification

For research use only.

Background:

Stable cohesion between sister chromatids before anaphase and their timely separation during anaphase are critical for chromosome inheritance. In vertebrates, sister chromatid cohesion is released in 2 steps via distinct mechanisms. The first step involves phosphorylation of STAG1 (MIM 604358) or STAG2 (MIM 300826) in the cohesin complex. The second step involves cleavage of the cohesin subunit SCC1 (RAD21; MIM 606462) by ESPL1, or separase, which initiates the final separation of sister chromatids.

To place an order, please Click HERE.