

AP0469

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Phospho-ESPL1-S1126 Rabbit pAb

Catalog No.: AP0469

Basic Information

Observed MW

Refer to Figures

Calculated MW

233kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

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 (Sun et al., 2009 [PubMed 19345191]).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

9700

Swiss Prot

Q14674

Immunogen

A synthetic phosphorylated peptide around S1126 of human ESPL1 (NP_036423.4).

Synonyms

ESP1; SEPA; Phospho-ESPL1-S1126

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

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