

A10350

Leader in Biomolecular Solutions for Life Science



## STIL Rabbit pAb

Catalog No.: A10350

### Basic Information

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**Observed MW**

143kDa

**Calculated MW**

143kDa

**Category**

Polyclonal Antibody

**Applications**

WB,ELISA

**Cross-Reactivity**

Human

### Background

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This gene encodes a cytoplasmic protein implicated in regulation of the mitotic spindle checkpoint, a regulatory pathway that monitors chromosome segregation during cell division to ensure the proper distribution of chromosomes to daughter cells. The protein is phosphorylated in mitosis and in response to activation of the spindle checkpoint, and disappears when cells transition to G1 phase. It interacts with a mitotic regulator, and its expression is required to efficiently activate the spindle checkpoint. It is proposed to regulate Cdc2 kinase activity during spindle checkpoint arrest. Chromosomal deletions that fuse this gene and the adjacent locus commonly occur in T cell leukemias, and are thought to arise through illegitimate V-(D)-J recombination events. Multiple transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilutions

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WB 1:500 - 1:2000

### Immunogen Information

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**Gene ID**

6491

**Swiss Prot**

Q15468

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1218-1287 of human STIL (NP\_003026.2).

**Synonyms**

SIL; MCPH7; STIL

### Contact

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 [www.abclonal.com](http://www.abclonal.com)

### Product Information

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**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

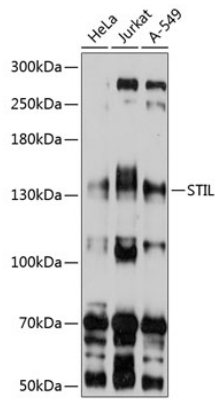
**Storage**

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of various lysates using STIL Rabbit pAb (A10350) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.