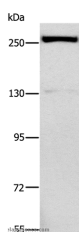


## ESPL1 Polyclonal Antibody

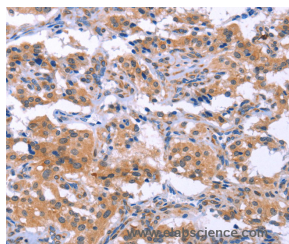
<b>Catalog No.</b>	E-AB-13224	<b>Reactivity</b>	H,M
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

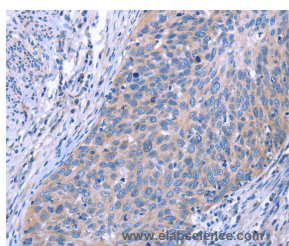
### Images



Western Blot analysis of Raji cell using ESPL1 Polyclonal Antibody at dilution of 1:500



Immunohistochemistry of paraffin-embedded Human thyroid cancer using ESPL1 Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human cervical cancer using ESPL1 Polyclonal Antibody at dilution of 1:40

### Immunogen Information

<b>Immunogen</b>	Synthetic peptide of human ESPL1
<b>Gene Accession</b>	NP_036423
<b>Swissprot</b>	Q14674
<b>Synonyms</b>	ESP1,SEPA

### Product Information

<b>Calculated MW</b>	233kDa
<b>Buffer</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:200-1:1000, IHC 1:25-1:100

### 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 or STAG2 in the cohesin complex. The second step involves cleavage of the cohesin subunit SCC1 by ESPL1, or separase, which initiates the final separation of sister chromatids.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.