

## ESPL1 Polyclonal Antibody

Catalog No. E-AB-16415

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

### Description

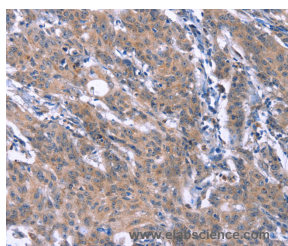
<b>Reactivity</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptide of human ESPL1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

### Applications

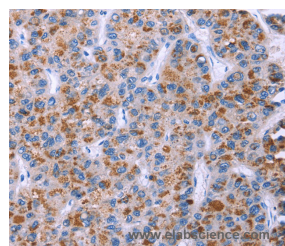
### Recommended Dilution

**IHC** 1:50-1:200

### Data



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



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

### Preparation & Storage

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

### 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.

### For Research Use Only