

## Product datasheet for **TA322305S**

### Spindly (SPDL1) Rabbit Polyclonal Antibody

#### Product data:

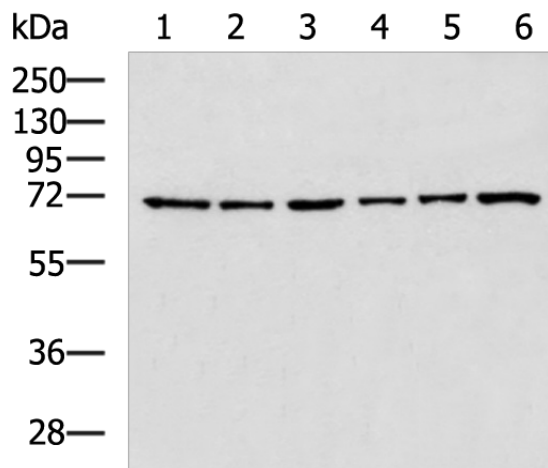
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela, 293T, Jurkat cell, Mouse testis tissue, K562, A549 cell lysates IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human spindle apparatus coiled-coil protein 1
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	spindle apparatus coiled-coil protein 1
Database Link:	<a href="#">NP_060255</a> <a href="#">Entrez Gene 70385 Mouse</a> <a href="#">Entrez Gene 54908 Human</a> <a href="#">Q96EA4</a>

**Background:** Required for the localization of dynein and dynactin to the mitotic kintochore. Dynein is believed to control the initial lateral interaction between the kinetochore and spindle microtubules and to facilitate the subsequent formation of end-on kinetochore-microtubule attachments mediated by the NDC80 complex. Also required for correct spindle orientation. Does not appear to be required for the removal of spindle assembly checkpoint (SAC) proteins from the kinetochore upon bipolar spindle attachment. Interacts with KNTC1 and ZW10. These interactions appear weak and may be transient or indirect.

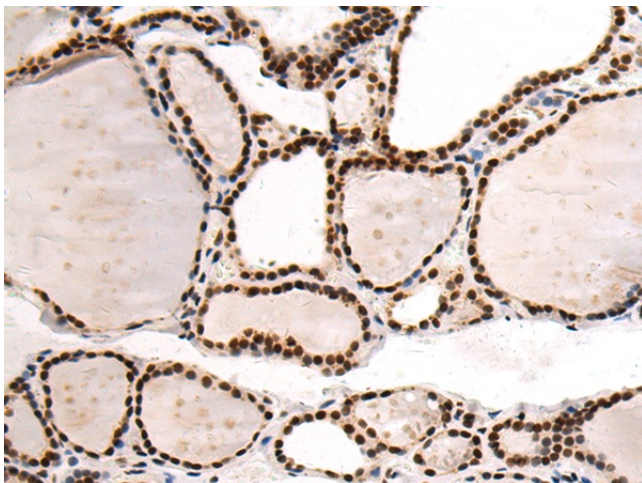

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Synonyms: CCDC99

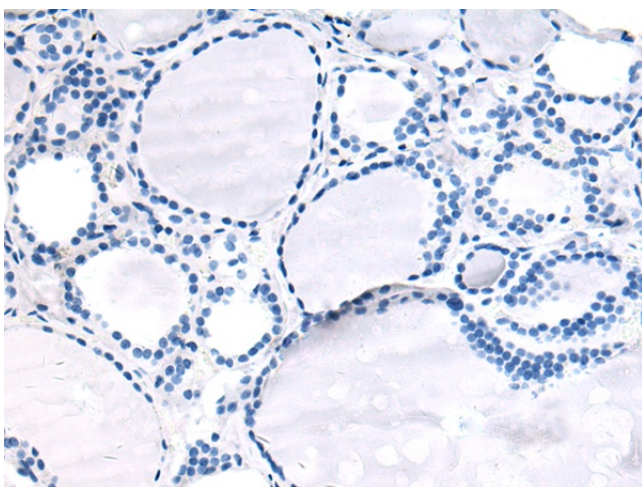
### Product images:



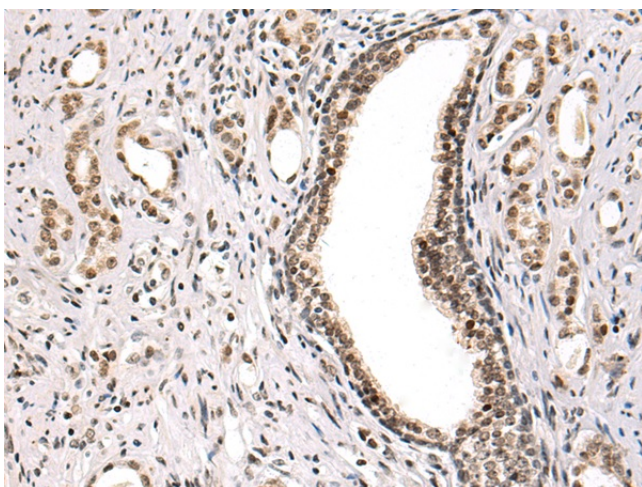
Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-6: HeLa  
 293T  
 Jurkat cell  
 Mouse testis tissue  
 K562  
 A549 cell lysates  
 Primary antibody: [TA322305] (SPDL1 Antibody)  
 at dilution 1/700  
 Secondary antibody: Goat anti rabbit IgG at  
 1/5000 dilution  
 Exposure time: 1 minute



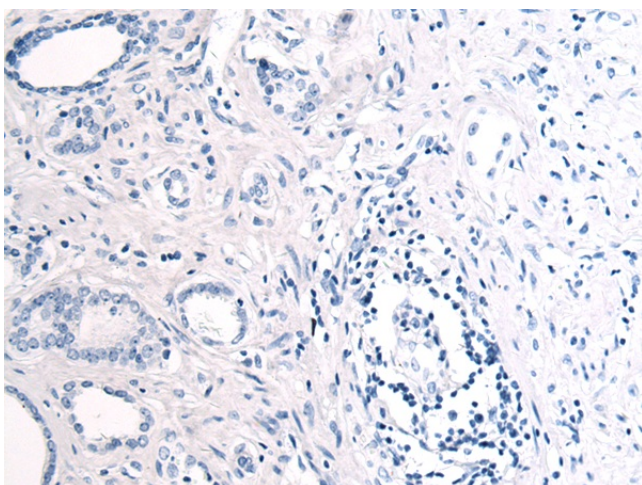
Immunohistochemistry of paraffin-embedded  
 Human thyroid cancer tissue using [TA322305]  
 (SPDL1 Antibody) at dilution 1/100 (Original  
 magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA322305] (SPDL1 Antibody) at dilution 1/100, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA322305] (SPDL1 Antibody) at dilution 1/100 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA322305] (SPDL1 Antibody) at dilution 1/100, treated with fusion protein. (Original magnification: ×200)