

## Product datasheet for **TA365553**

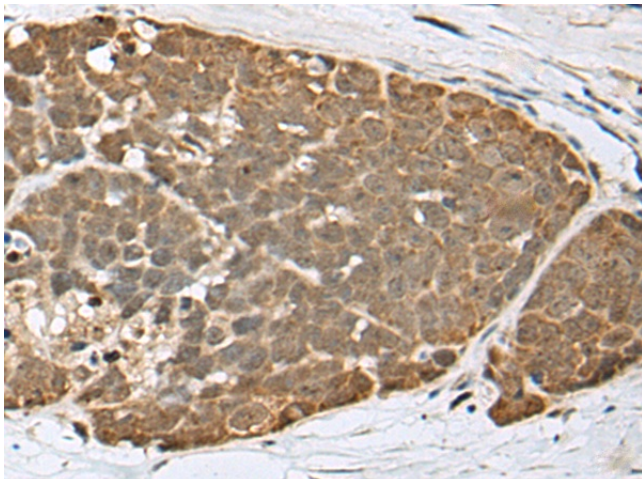
### **C1orf124 (SPRTN) Rabbit Polyclonal Antibody**

#### **Product data:**

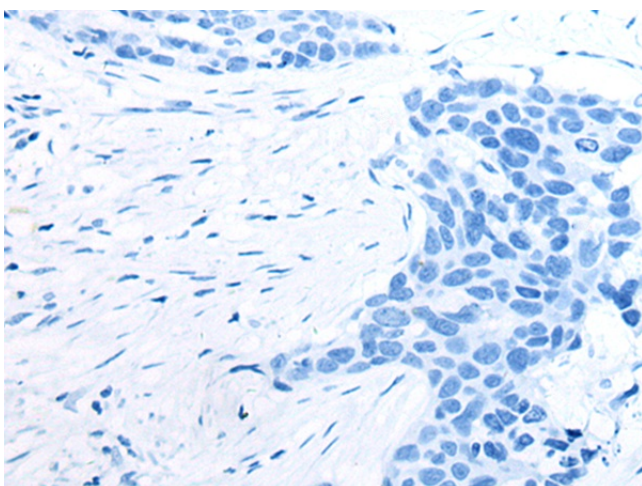
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC
<b>Recommended Dilution:</b>	IHC: 50-300 Positive control: Human thyroid cancer Predicted cell location: Nucleus
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Fusion protein of human SPRTN
<b>Formulation:</b>	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C.
<b>Stability:</b>	1 year
<b>Gene Name:</b>	SprT-like N-terminal domain
<b>Database Link:</b>	<a href="#">Entrez Gene 83932 Human Q9H040</a>
<b>Background:</b>	The protein encoded by this gene may play a role in DNA repair during replication of damaged DNA. This protein recruits valosin containing protein (p97) to stalled DNA replication forks where it may prevent excessive translesional DNA synthesis and limit the number of DNA-damage induced mutations. It may also be involved in replication-related G2/M-checkpoint regulation. Deficiency of a similar protein in mouse causes chromosomal instability and progeroid phenotypes. Mutations in this gene have been associated with Ruijs-Aalfs syndrome (RJALS). Alternatively spliced transcript variants have been identified.
<b>Synonyms:</b>	C1orf124; DDDL1880; dj876B10.3; DVC1; PRO4323; RP5-876B10.3; Spartan



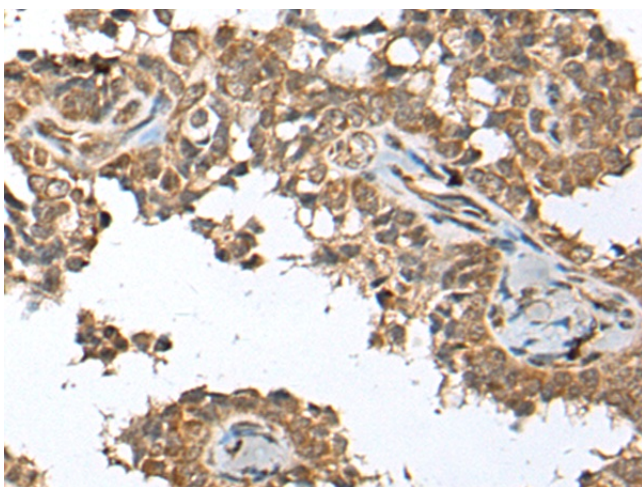
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**Product images:**

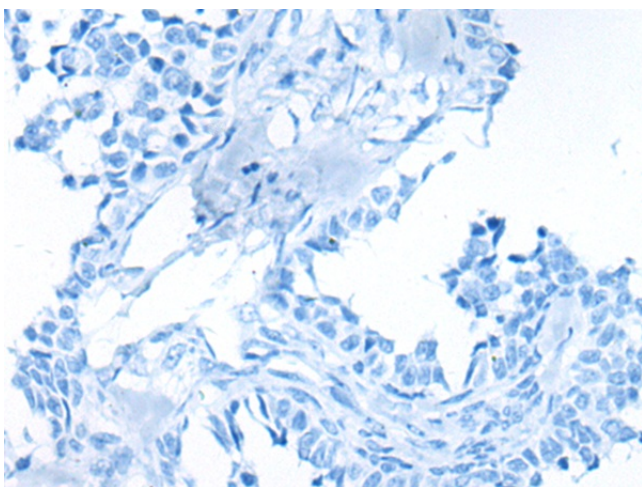
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365553 (SPRTN Antibody) at dilution 1/65 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365553 (SPRTN Antibody) at dilution 1/65, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA365553 (SPRTN Antibody) at dilution 1/65 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA365553 (SPRTN Antibody) at dilution 1/65, treated with fusion protein. (Original magnification:  $\times 200$ )