

## Product datasheet for **TA351163S**

### **SPINLW1 (EPPIN) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 500-2000 WB positive control: NIH/3T3 cells, human testis and mouse fat tissue IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide of human EPPIN
<b>Formulation:</b>	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	15 kDa
<b>Gene Name:</b>	epididymal peptidase inhibitor
<b>Database Link:</b>	<a href="#">NP_065131</a> <a href="#">Entrez Gene 75526 Mouse</a> <a href="#">Entrez Gene 57119 Human</a> <a href="#">O95925</a>



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**Background:**

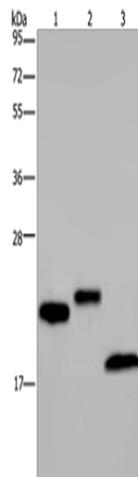
This gene encodes an epididymal protease inhibitor, which contains both kunitz-type and WAP-type four-disulfide core (WFDC) protease inhibitor consensus sequences. Most WFDC genes are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene is a member of the WFDC gene family and belongs to the telomeric cluster. The protein can inhibit human sperm motility, and polymorphisms in this gene are associated with male infertility. Read-through transcription also exists between this gene and the downstream WFDC6 (WAP four-disulfide core domain 6) gene.

**Synonyms:**

CT71; CT72; dj461P17.2; SPINLW1; WAP7; WFDC7

**Protein Families:**

Secreted Protein

**Product images:**

Gel: 10%SDS-PAGE

Lysate: 40 µg

Lane 1-3: NIH/3T3 cells

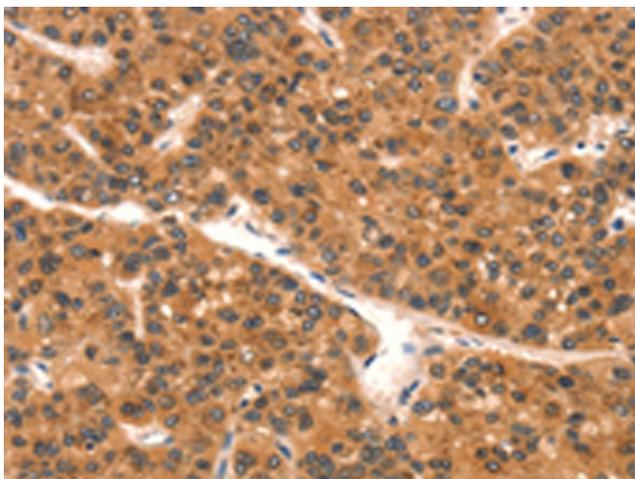
human testis tissue

mouse fat tissue

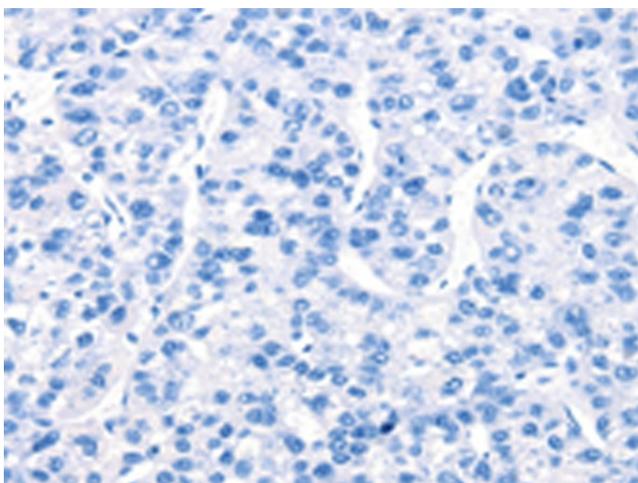
Primary antibody: [TA351163] (EPPIN Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

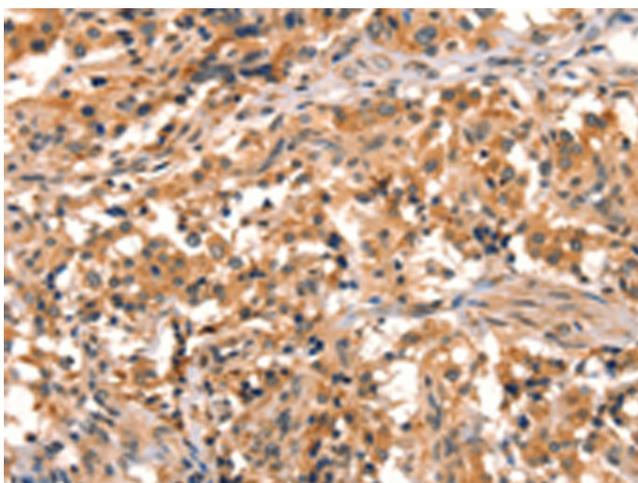
Exposure time: 20 seconds



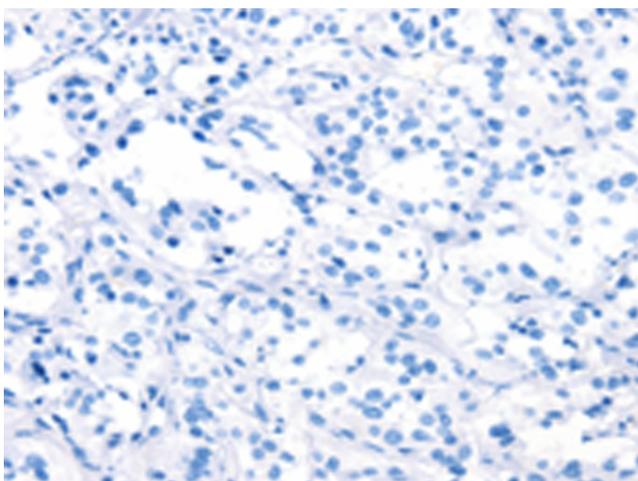
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA351163] (EPPIN Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA351163] (EPPIN Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA351163] (EPPIN Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA351163] (EPPIN Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)