

## Product datasheet for **TA350287**

### T Plastin (PLS3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Raji cells IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PLS3
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	71 kDa
Gene Name:	plastin 3
Database Link:	<a href="#">NP_005023</a> <a href="#">Entrez Gene 81748 Rat</a> <a href="#">Entrez Gene 102866 Mouse</a> <a href="#">Entrez Gene 5358 Human</a> <a href="#">P13797</a>



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**Background:**

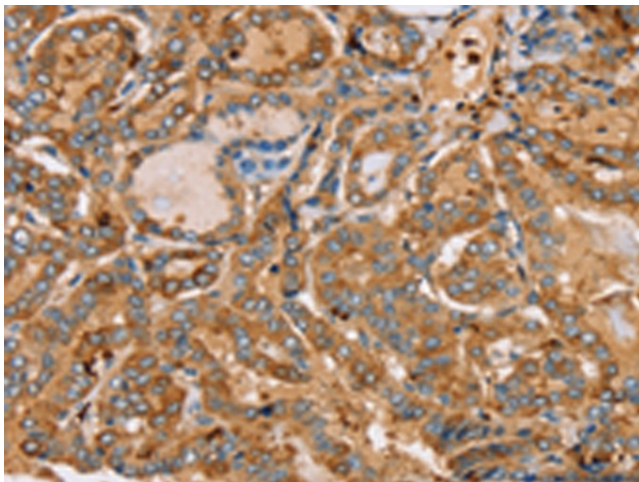
Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.).

**Synonyms:**

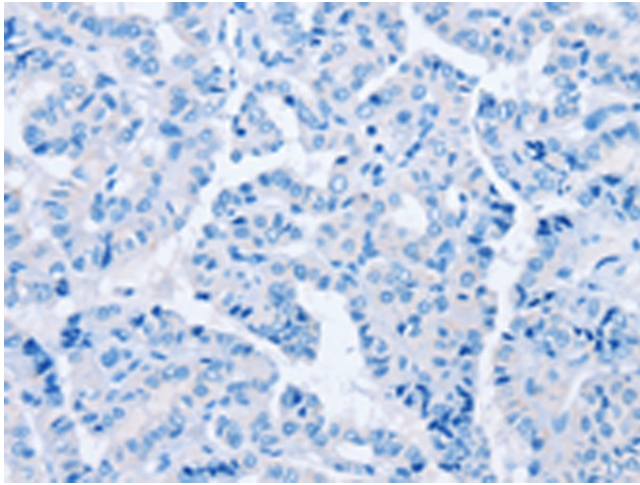
BMND18; T-plastin

**Product images:**

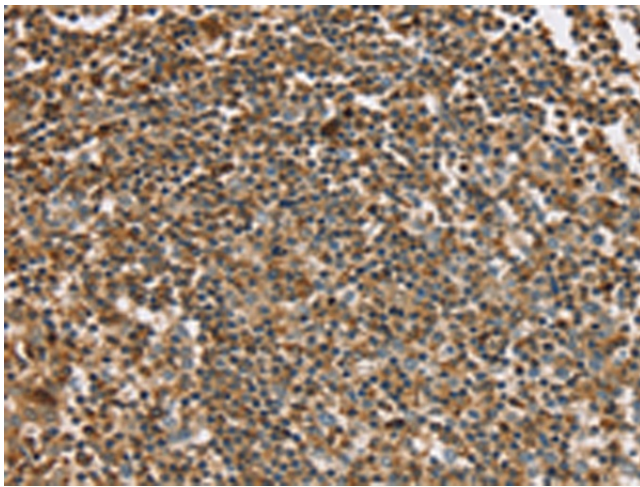
Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane: Raji cells  
Primary antibody: TA350287 (PLS3 Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 2 minutes



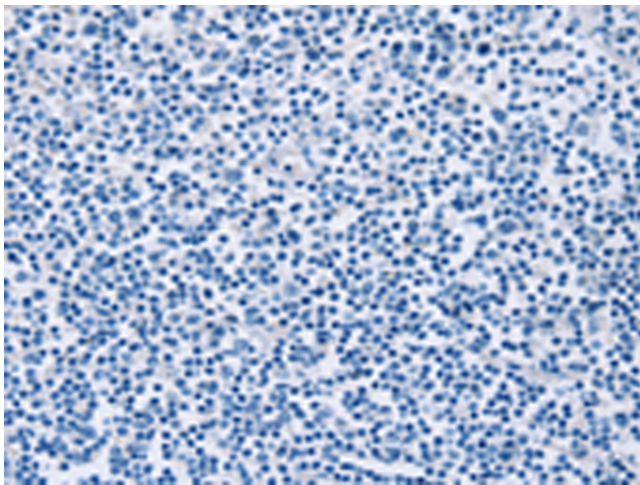
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350287 (PLS3 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350287 (PLS3 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA350287 (PLS3 Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA350287 (PLS3 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )