

## Product datasheet for **TA323252S**

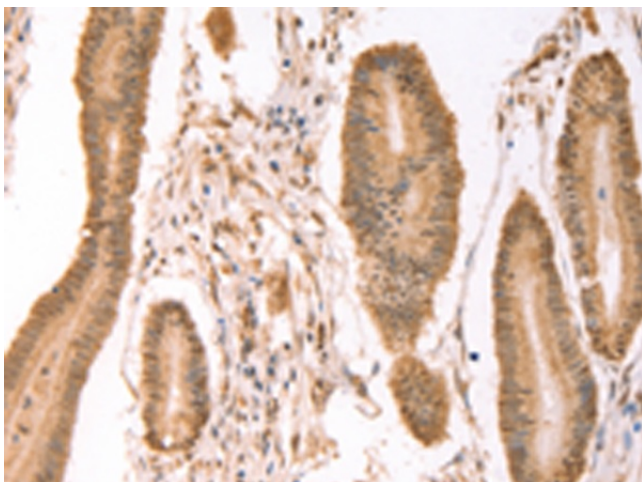
### prothymosin, alpha (PTMA) Rabbit Polyclonal Antibody

#### Product data:

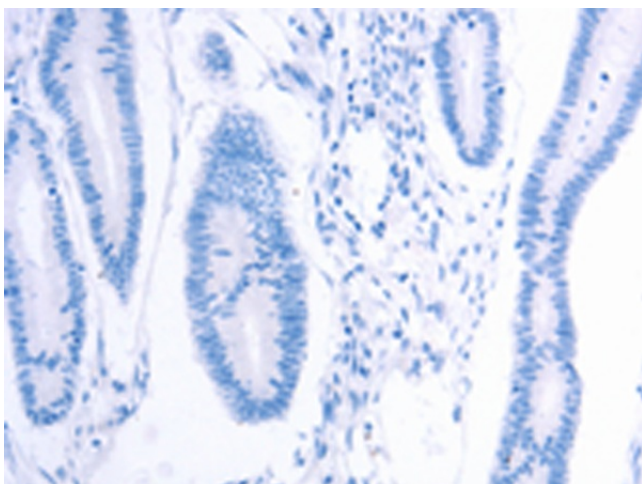
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human colon cancer Predicted cell location: Cytoplasm, Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 2-29 amino acids of human prothymosin, alpha
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:	prothymosin, alpha
Database Link:	<a href="#">NP_002814</a> <a href="#">Entrez Gene 19231 Mouse</a> <a href="#">Entrez Gene 29222 Rat</a> <a href="#">Entrez Gene 5757 Human</a> <a href="#">P06454</a>
Background:	Prothymosin alpha may mediate immune function by conferring resistance to certain opportunistic infections and as oncogenes contributing to cell proliferation and invasion in BC. Silencing of these gene significantly inhibited cell proliferation and invasion; and increased apoptosis in BC cells. Immunohistochemistry showed that PTMA expression levels were significantly higher in BC compared to normal bladder epitheliums.
Synonyms:	TMSA
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors



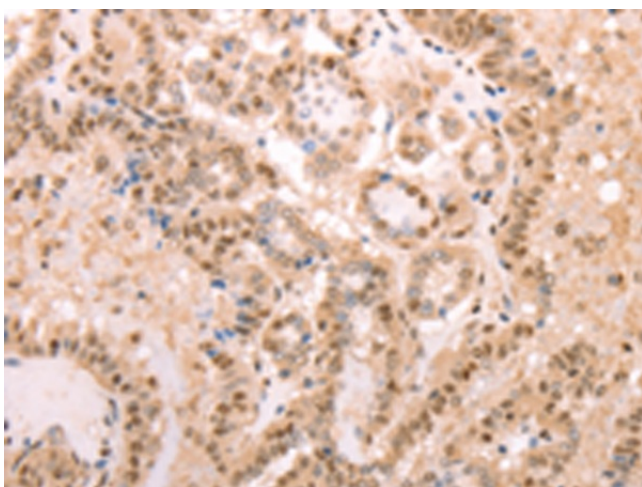
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**Product images:**

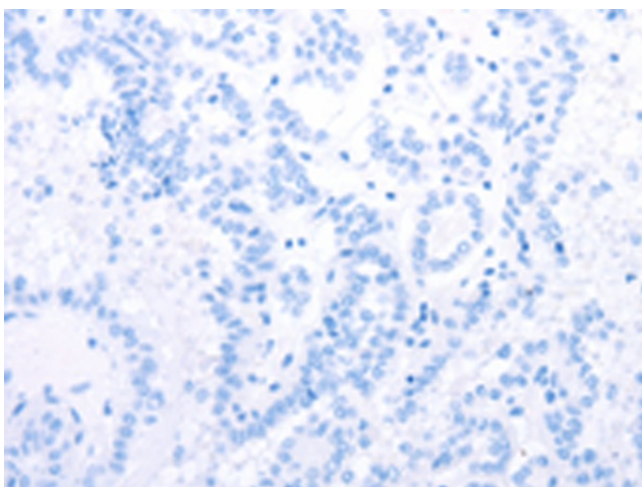
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA323252] (PTMA Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA323252] (PTMA Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA323252] (PTMA Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA323252] (PTMA Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification:  $\times 200$ )