

## Product datasheet for **TA324057S**

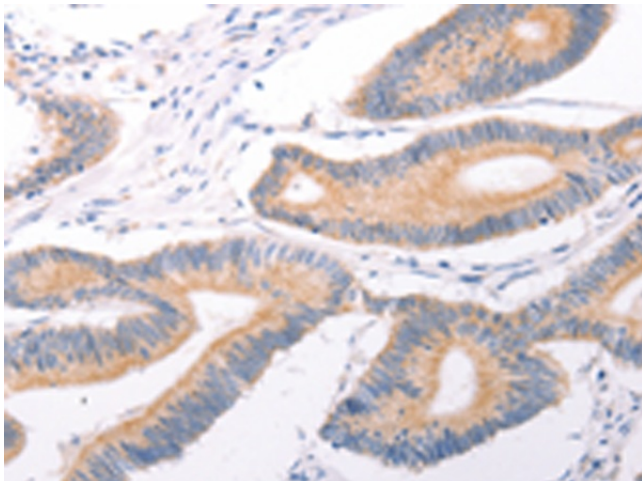
### TRP 7 (TRPC7) Rabbit Polyclonal Antibody

#### Product data:

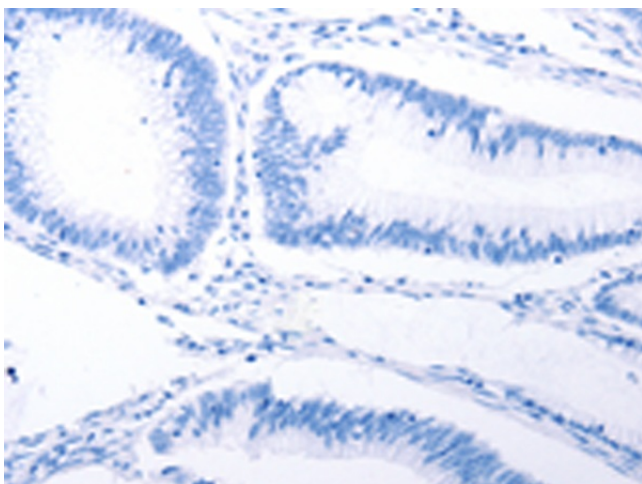
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 42-351 amino acids of human transient receptor potential cation channel, subfamily C, member 7
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:	transient receptor potential cation channel subfamily C member 7
Database Link:	<a href="#">NP_065122</a> <a href="#">Entrez Gene 26946 Mouse</a> <a href="#">Entrez Gene 57113 Human</a> <a href="#">Q9HCX4</a>
Background:	This protein may form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG). May also be activated by intracellular calcium store depletion. It can interact with MX1 and RNF24. Interacts (via ANK-repeat domains) with PRKG1.
Synonyms:	TRP7
Protein Families:	Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane



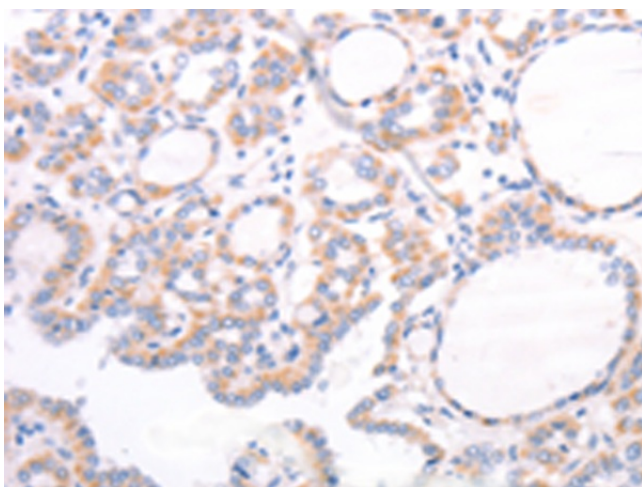
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**Product images:**

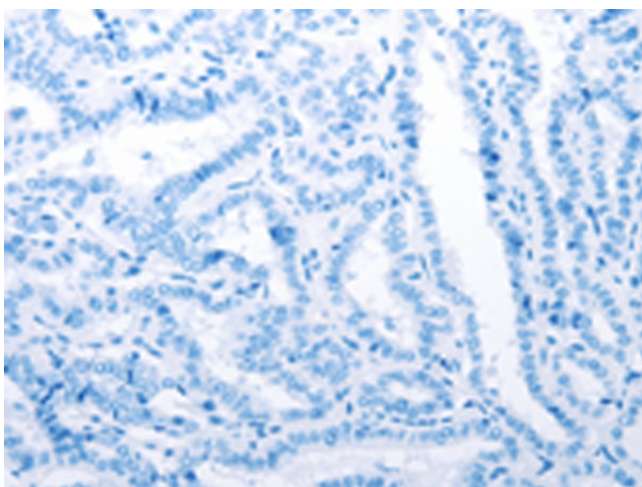
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA324057] (TRPC7 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA324057] (TRPC7 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA324057] (TRPC7 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA324057] (TRPC7 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification:  $\times 200$ )