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Product datasheet for TA322137S

SLC9A7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 701-715 amino acids of human solute carrier family 9, subfamily A (NHE7, cation proton antiporter 7), member 7
Formulation:	PBS pH7.3, 0.05% NaN3, 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:	solute carrier family 9 member A7
Database Link:	NP_115980 Entrez Gene 236727 MouseEntrez Gene 84679 Human Q96T83
Background:	This gene encodes a sodium and potassium/ proton antiporter that is a member of the solute carrier family 9 protein family. The encoded protein is primarily localized to the trans-Golgi network and is involved in maintaining pH homeostasis in organelles along the secretory and endocytic pathways. This protein may enhance cell growth of certain breast tumors. This gene is part of a gene cluster on chromosome Xp11.23. A pseudogene of this gene is found on chromosome 12. Alternate splicing results in multiple transcript variants.
Synonyms:	NHE-7; NHE7; SLC9A6
Protein Families:	Druggable Genome, Transmembrane

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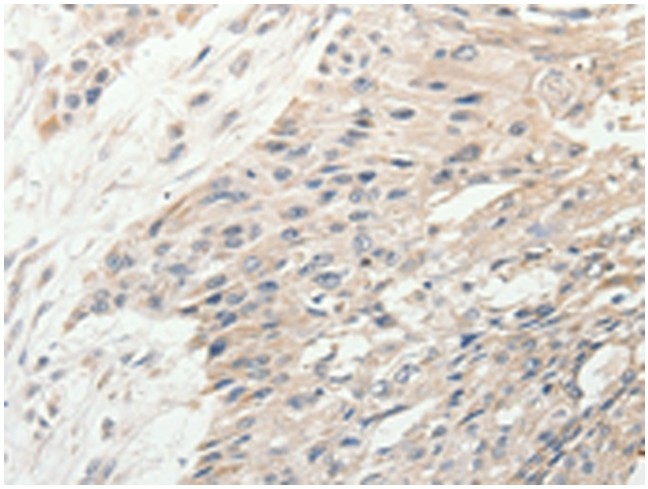
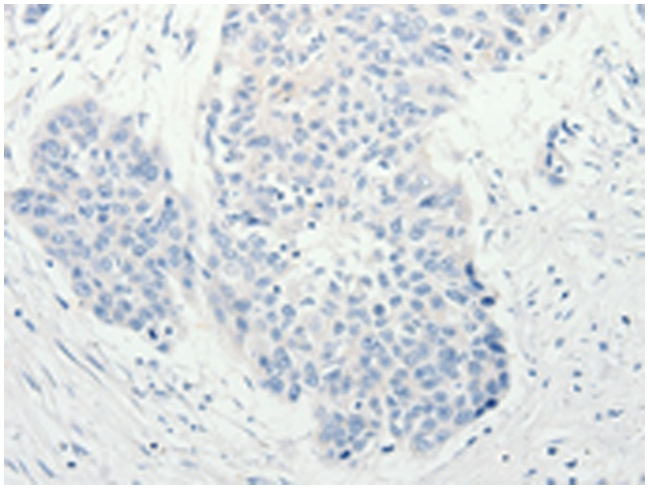
Product images:



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA322137] (SLC9A7 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA322137] (SLC9A7 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)