Product datasheet for TA370759

LOC118142757 Rabbit Polyclonal Antibody
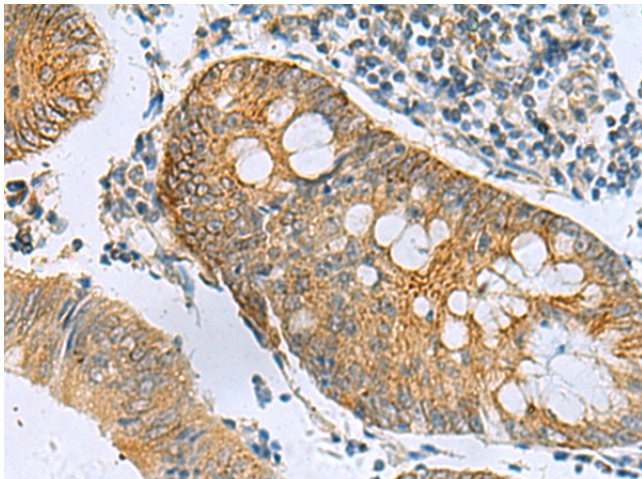
Product data:

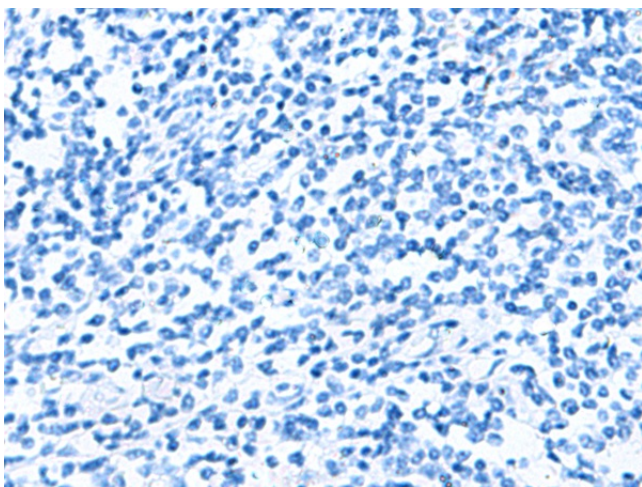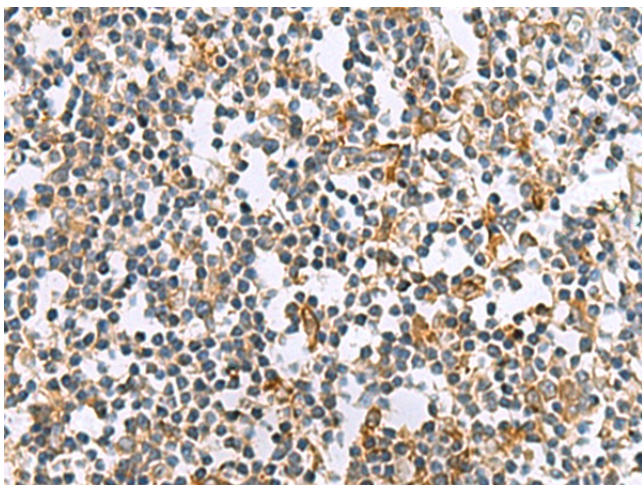|	
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 100-300 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GUCA1A
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	GUCA1ANB-GUCA1A readthrough
Database Link:	Entrez Gene 118142757 Human P43080
Background:	This gene encodes an enzyme that plays a role in the recovery of retinal photoreceptors from photobleaching. This enzyme promotes the activity of retinal guanylyl cyclase-1 (GC1) at low calcium concentrations and inhibits GC1 at high calcium concentrations. Mutations in this gene can cause cone dystrophy 3 and code-rod dystrophy 14. Alternative splicing results in multiple transcript variants.

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Product images:

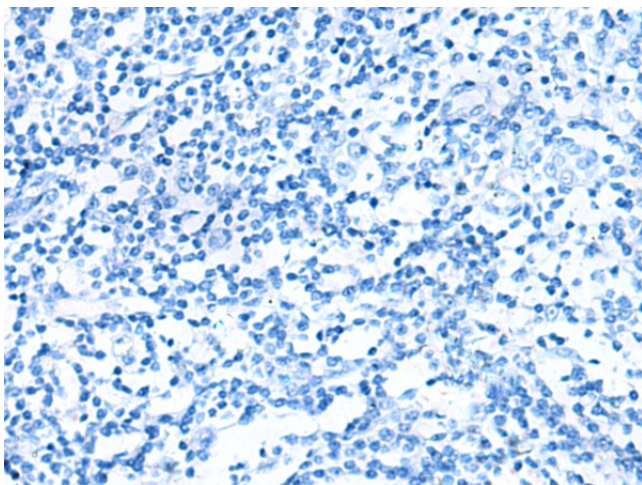
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA370759 (GUCA1A Antibody) at dilution 1/105 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA370759 (GUCA1A Antibody) at dilution 1/105, treated with fusion protein. (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370759 (GUCA1A Antibody) at dilution 1/105 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370759 (GUCA1A Antibody) at dilution 1/105, treated with fusion protein. (Original magnification: ×200)