

Product datasheet for **TA349585**

GUCY1A1 Rabbit Polyclonal Antibody

Product data:

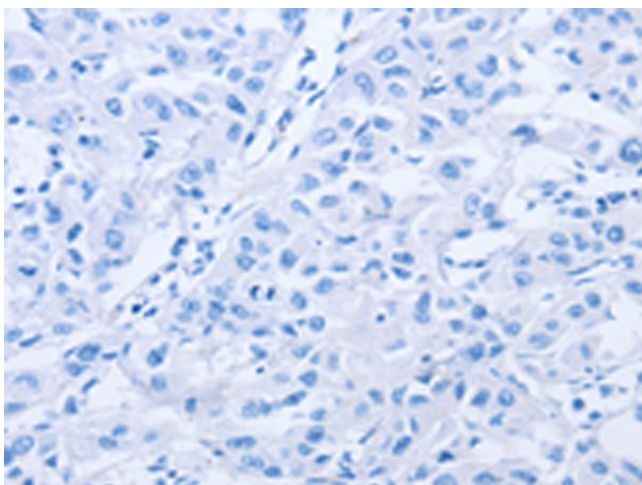
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GUCY1A3
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 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.
Gene Name:	guanylate cyclase 1, soluble, alpha 3
Database Link:	NP_000847 Entrez Gene 2982 Human Q02108
Background:	Soluble guanylate cyclases are heterodimeric proteins that catalyze the conversion of GTP to 3',5'-cyclic GMP and pyrophosphate. The protein encoded by this gene is an alpha subunit of this complex and it interacts with a beta subunit to form the guanylate cyclase enzyme, which is activated by nitric oxide. Several transcript variants encoding a few different isoforms have been found for this gene.
Synonyms:	GC-SA3; GUC1A3; GUCA3; GUCSA3; GUCY1A1; MYMY6
Protein Families:	Druggable Genome



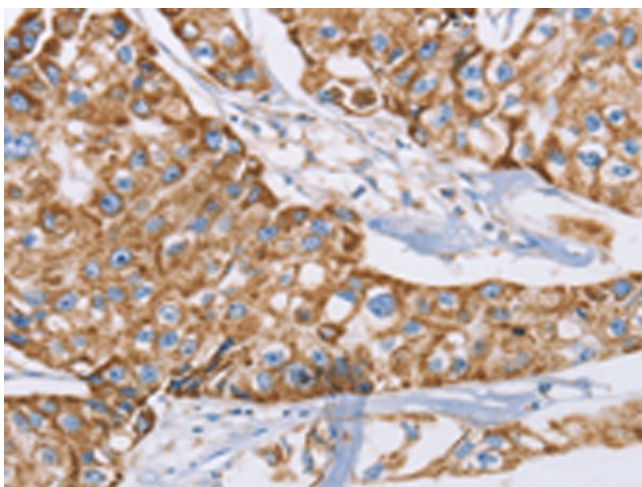
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Protein Pathways: Gap junction, Long-term depression, Purine metabolism, Vascular smooth muscle contraction

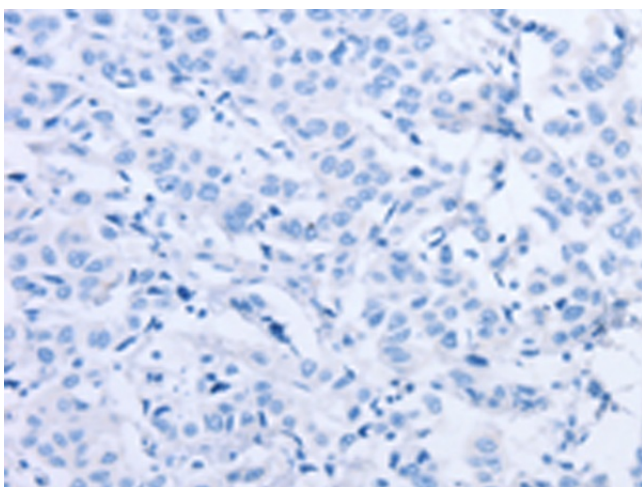
Product images:



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA349585 (GUCY1A1 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA349585 (GUCY1A1 Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA349585 (GUCY1A1 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)