

Product datasheet for **TA349673**

ADCY3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Lovo cells and human fetal brain tissue IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ADCY3
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.
Predicted Protein Size:	129 kDa
Gene Name:	adenylate cyclase 3
Database Link:	NP_004027 Entrez Gene 64508 Rat Entrez Gene 109 Human O60266
Background:	This gene encodes adenylyl cyclase 3 which is a membrane-associated enzyme and catalyzes the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). This protein appears to be widely expressed in various human tissues and may be involved in a number of physiological and pathophysiological metabolic processes.
Synonyms:	AC-III; AC3



[View online »](#)

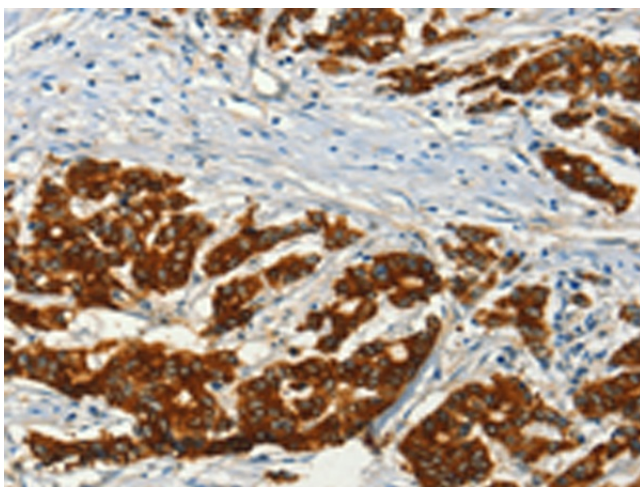
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Calcium signaling pathway, Chemokine signaling pathway, Dilated cardiomyopathy, Gap junction, GnRH signaling pathway, Melanogenesis, Olfactory transduction, Oocyte meiosis, Progesterone-mediated oocyte maturation, Purine metabolism, Vascular smooth muscle contraction, Vibrio cholerae infection

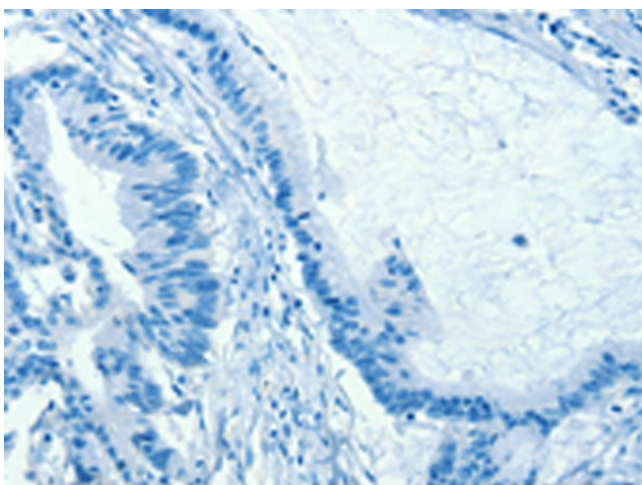
Product images:



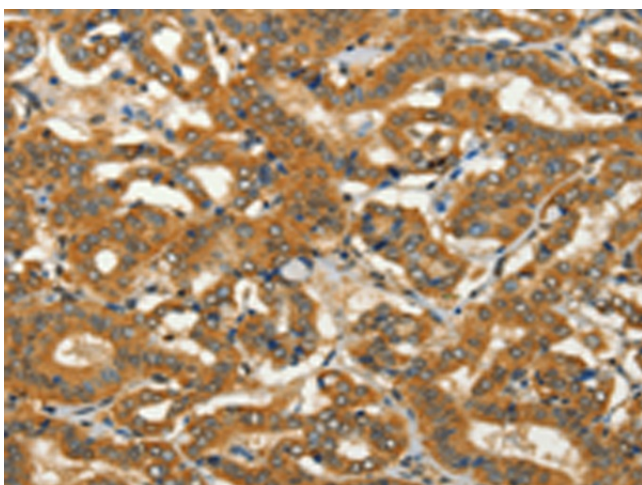
Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: Lovo cells
human fetal brain tissue
Primary antibody: TA349673 (ADCY3 Antibody) at
dilution 1/312.5
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 5 minutes



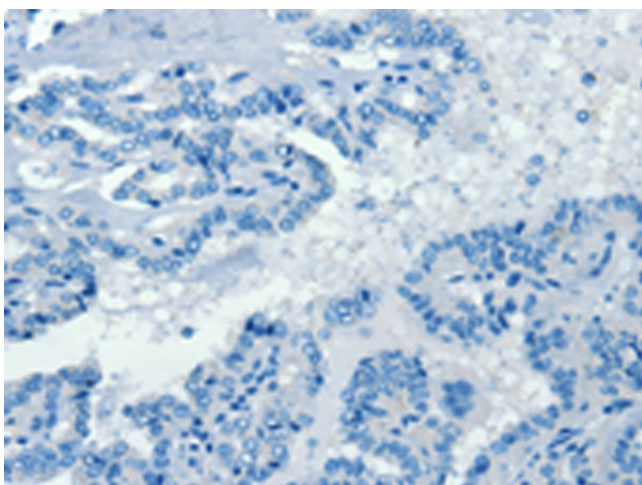
Immunohistochemistry of paraffin-embedded
Human colon cancer tissue using TA349673
(ADCY3 Antibody) at dilution 1/50 (Original
magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA349673 (ADCY3 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349673 (ADCY3 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349673 (ADCY3 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)