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Product datasheet for TA323143

GRK2 Rabbit Polyclonal Antibody

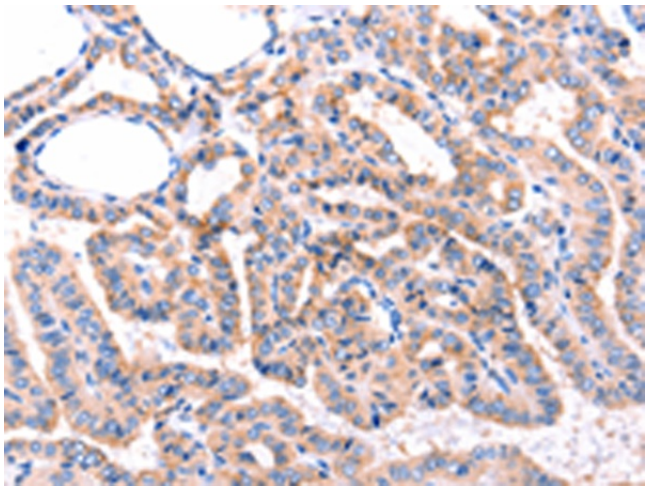
Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 100-300 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 644-659 amino acids of Human adrenergic, beta, receptor kinase 1
Formulation:	PBS pH7.3, 0.05% NaN3, 50% 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:	G protein-coupled receptor kinase 2
Database Link:	NP_001610 Entrez Gene 25238 RatEntrez Gene 110355 MouseEntrez Gene 156 Human P25098
Background:	The product of this gene phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations. This protein is an ubiquitous cytosolic enzyme that specifically phosphorylates the activated form of the beta-adrenergic and related G-protein-coupled receptors. Abnormal coupling of beta-adrenergic receptor to G protein is involved in the pathogenesis of the failing heart.
Synonyms:	ADRBK1; BARK1; BETA-ARK1
Protein Families:	Druggable Genome, Protein Kinase

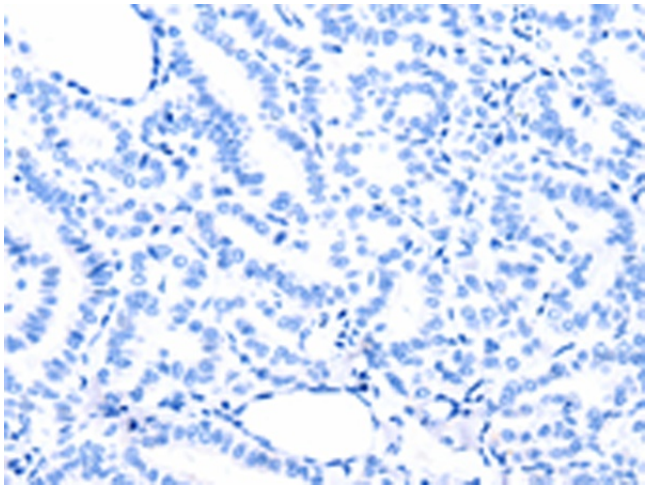
View online »

Protein Pathways: Chemokine signaling pathway, Endocytosis

Product images:



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA323143 (GRK2 Antibody) at dilution 1/87 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA323143 (GRK2 Antibody) at dilution 1/87, treated with synthetic peptide. (Original magnification: ×200)