

## GRK 2 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP03821
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GRK2. AA range:14-63
Mol wt	79574
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	GRK 2 Antibody
Synonyms	ADRBK1; BARK; BARK1; GRK2; Beta-adrenergic receptor kinase 1; Beta-ARK-1; G-protein coupled receptor kinase 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Beta-adrenergic receptor kinase 1 phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations. Beta-adrenergic receptor kinase 1 is a 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.

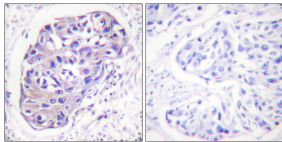
### Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using GRK2 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year