

## Beta-adrenergic receptor kinase 1 Polyclonal Antibody

Catalog No: #42189

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

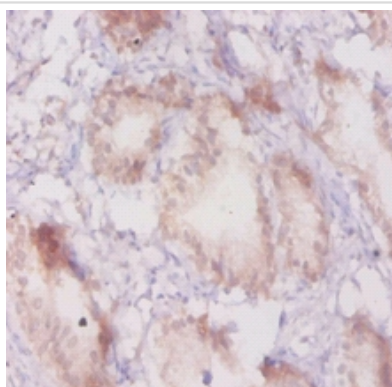
## Description

Product Name	Beta-adrenergic receptor kinase 1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Beta-adrenergic receptor kinase 1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Beta-adrenergic receptor kinase 1 protein
Target Name	Beta-adrenergic receptor kinase 1
Other Names	G-protein coupled receptor kinase 2, ADRBK1, BARK, BARK1, GRK2
Accession No.	Swiss-Prot#: P25098
Uniprot	P25098
GeneID	156;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:20 - 1:200

## Images



Immunohistochemical analysis of paraffin-embedded human prostate using #42189 at dilution of 1:20.

## Background

Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors, probably inducing a desensitization of them. Key regulator of LPAR1 signaling. Competes with RALA for binding to LPAR1 thus affecting the signaling properties of the receptor. Desensitizes LPAR1 and LPAR2 in a phosphorylation-independent manner.

## References

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[1] cDNA cloning and chromosomal localization of the human beta-adrenergic receptor kinase. Benovic J.L., Stone W.C., Huebner K., Croce C., Caron M.G., Lefkowitz R.J. FEBS Lett. 283:122-126(1991) [2] High expression of beta-adrenergic receptor kinase in

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Note: This product is for in vitro research use only