

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **GRK3 RABBIT PAB**

Cat.#: S217101

**Product Name:** Anti-GRK3 Rabbit Polyclonal Antibody

Synonyms: BARK2; ADRBK2

UNIPROT ID: P35626 (Gene Accession - BC036797)

**Background:** The beta-adrenergic receptor kinase specifically phosphorylates the agonist-occupied form of the beta-adrenergic and related G protein-coupled receptors. Overall, the beta adrenergic receptor kinase 2 has 85% amino acid similarity with beta adrenergic receptor kinase 1, with the protein kinase catalytic domain having 95% similarity. These data suggest the existence of a family of receptor kinases which may serve broadly to regulate receptor function.

Immunogen: Fusion protein of human GRK3

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

**Species Reactivity:** Human, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

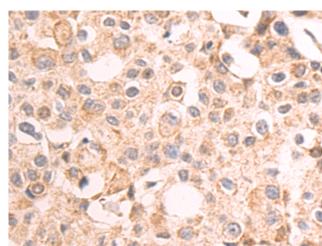
**Research Areas:** Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

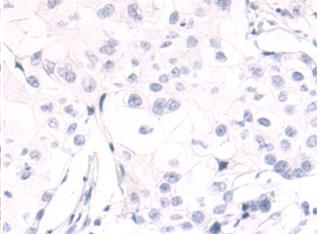


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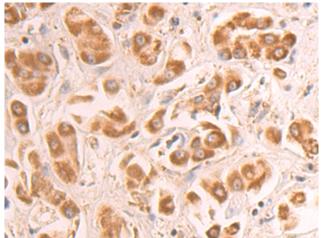
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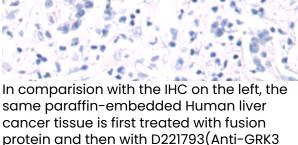
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 217101(GRK3 Antibody) at a dilution of 1/80(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 217101(Anti-GRK3 Antibody) at dilution 1/80.



The image on the left is immunohistochemistry of paraffinembedded Human liver cancer tissue using 217101(Anti-GRK3 Antibody) at a dilution of 1/80.



Antibody) at dilution 1/80.