ELK Biotechnology

# GRK2 (Phospho-Tyr86) rabbit pAb

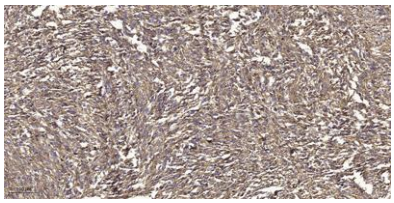
## Cat No.:ES15903

**For research use only**

**Overview**

| | |
|---|---|
| **Product Name** | GRK2 (Phospho-Tyr86) rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | IHC;IF;WB |
| **Species Cross-Reactivity** | Human; Mouse; Rat |
| **Recommended dilutions** | IHC-p 1:50-200, WB 1:500-2000 |
| **Immunogen** | Synthesized peptide derived from human GRK2 (Phospho-Tyr86) |
| **Specificity** | This antibody detects endogenous phospho levels of GRK2 (Phospho-Tyr86) at Human:Y86, Mouse:Y86, Rat:Y86 |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | GRK2 (Phospho-Tyr86) |
| **Gene Name** | ADRBK1 BARK BARK1 GRK2 |
| **Cellular localization** | Cytoplasm . Cell membrane . Cell junction, synapse, postsynapse . Cell junction, synapse, presynapse . |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |
| **Concentration** | 1 mg/ml |
| **Observed band** | 75kD |
| **Human Gene ID** | 156 |
| **Human Swiss-Prot Number** | P25098 |
| **Alternative Names** | Beta-adrenergic receptor kinase 1 (Beta-ARK-1;EC 2.7.11.15;G-protein coupled receptor kinase 2) |
| **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. [provided by RefSeq, Jul 2008],



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:2

+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C