

Datasheet for ABIN6258199
anti-GRK4 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|-------------------------------------|
| Quantity: | 100 µL |
| Target: | GRK4 |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GRK4 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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|-----------------------|---|
| Immunogen: | A synthesized peptide derived from human GRK4, corresponding to a region within N-terminal amino acids. |
| Isotype: | IgG |
| Specificity: | GRK4 Antibody detects endogenous levels of total GRK4. |
| Predicted Reactivity: | Pig,Bovine,Horse,Rabbit,Chicken |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

Target Details

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|---------|------|
| Target: | GRK4 |
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Target Details

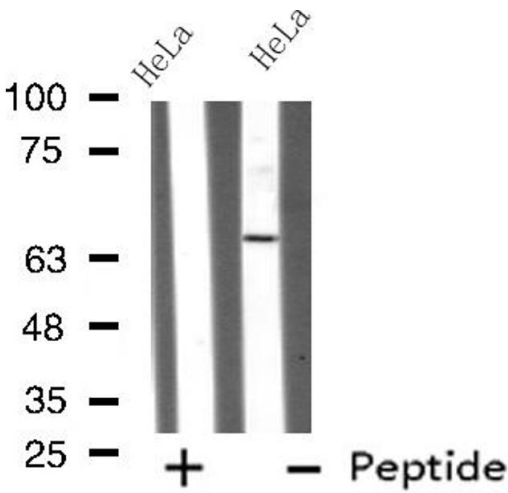
| | |
|-------------------|--|
| Alternative Name: | GRK4 (GRK4 Products) |
| Background: | <p>Description: Specifically phosphorylates the activated forms of G protein-coupled receptors. GRK4-alpha can phosphorylate rhodopsin and its activity is inhibited by calmodulin, the other three isoforms do not phosphorylate rhodopsin and do not interact with calmodulin. GRK4-alpha and GRK4-gamma phosphorylate DRD3. Phosphorylates ADRB2.</p> <p>Gene: GRK4</p> |
| Molecular Weight: | 66 kDa |
| Gene ID: | 2868 |
| UniProt: | P32298 |
| Pathways: | Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling |

Application Details

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| Application Notes: | WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



Western Blotting

Image 1. Western blot analysis GRK4 using HeLa whole cell lysates