

# GK5 Polyclonal Antibody

Catalog Number:E-AB-18674

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

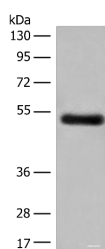
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Full length fusion protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4

## Applications Recommended Dilution

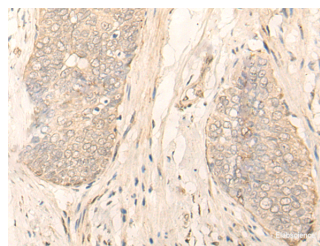
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:30-1:150
<b>ELISA</b>	1:5000-1:10000

## Data



Western blot analysis of Human breast cancer tissue lysate using GK5 Polyclonal Antibody at dilution of 1:500

**Observed Mw:Refer to figures**  
**Calculated Mw:59 kDa**



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using GK5 Polyclonal Antibody at dilution of 1:35(×200)

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

GK5(Putative glycerol kinase 5) is also named as ATP:glycerol 3-phosphotransferase 5 and belongs to the FGGY kinase family.It is involved in Glycerol metabolism and catalyzes the phosphorylation of glycerol by ATP, yielding ADP and glycerol-3-phosphate.It has 3 isoforms produced by alternative splicing with the MW of 59 kDa, 34 kDa and 28 kDa.

## For Research Use Only

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