

## GK5 Polyclonal Antibody

catalog number: E-AB-18674

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

### Description

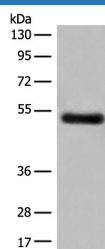
Reactivity	Human
Immunogen	Full length fusion protein
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

### Recommended Dilution

WB	1:500-1:2000
IHC	1:30-1:150

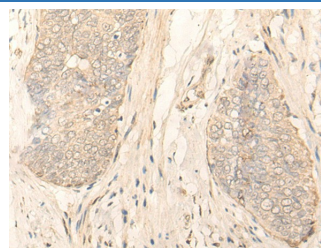
### Data



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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### 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.