

**GK5 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58994****Specification**

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**GK5 Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">Q6ZS86</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59156

**GK5 Polyclonal Antibody - Additional Information****Gene ID** 256356**Other Names**

Putative glycerol kinase 5, GK 5, Glycerokinase 5, 2.7.1.30, ATP:glycerol 3-phosphotransferase 5, GK5

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**GK5 Polyclonal Antibody - Protein Information****Name** GK5 ([HGNC:28635](#))**Function**

Skin-specific kinase that plays a key role in glycerol metabolism, catalyzing its phosphorylation to produce sn-glycerol 3- phosphate. Involved in skin-specific regulation of sterol regulatory element-binding protein (SREBP) processing and lipid biosynthesis.

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q8BX05}.

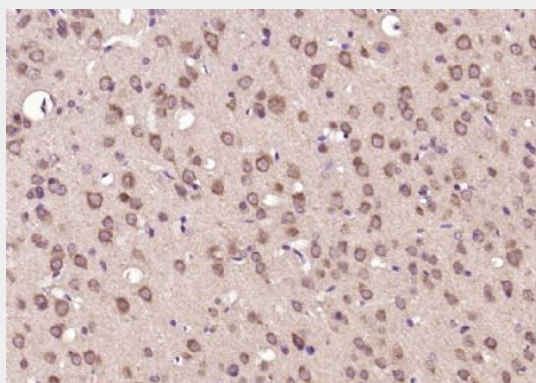
**GK5 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **GK5 Polyclonal Antibody - Images**



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GK5) Polyclonal Antibody, Unconjugated (bs-8408R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.