

GK5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58994

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q6ZS86
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59156
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GK5/Glycerokinase 5
Epitope Specificity	441-529/529
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the FGGY kinase family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	No data available.

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
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 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.

Protein Information

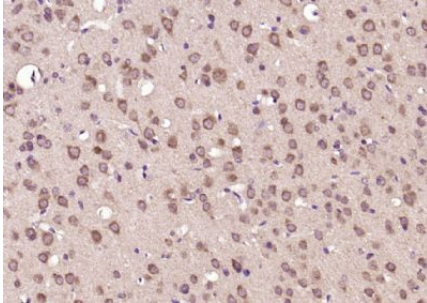
Name	GK5 (HGNC:28635)
Function	Skin-specific kinase that plays a key role in glycerol metabolism, catalyzing its phosphorylation to produce sn-glycerol 3- phosphate. Involved in

skin-specific regulation of sterol regulatory element-binding protein (SREBP) processing and lipid biosynthesis.

Cellular Location

Cytoplasm {ECO:0000250 | UniProtKB:Q8BX05}.

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 (AP58994) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.