

KIAA1434 Rabbit pAb

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Catalog # AP56509

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9NPB8
Reactivity	Rat
Predicted	Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76035
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIAA1434
Epitope Specificity	531-630/672
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm, cytosol
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	KIAA1434 belongs to the glycerophosphoryl diester phosphodiesterase family. It is widely expressed, with highest expression in spinal cord.

Additional Information

Gene ID	56261
Other Names	Glycerophosphocholine phosphodiesterase GPCPD1, 3.1.4.2, Glycerophosphodiester phosphodiesterase 5, GPCPD1, GDE5, KIAA1434
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	GPCPD1
Synonyms	GDE5, KIAA1434
Function	Shows strong preference for glycerophosphocholine. Displays weak activity

toward glycerophosphoethanolamine and no detectable activity toward glycerophosphoglycerol, glycerophosphoserine, or glycerophosphoinositol. May be involved in the negative regulation of skeletal muscle differentiation, independently of its glycerophosphocholine phosphodiesterase activity.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q8C0L9}.

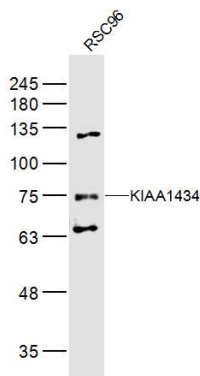
Tissue Location

Widely expressed, with highest expression in spinal cord

Background

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Images

**Sample:**

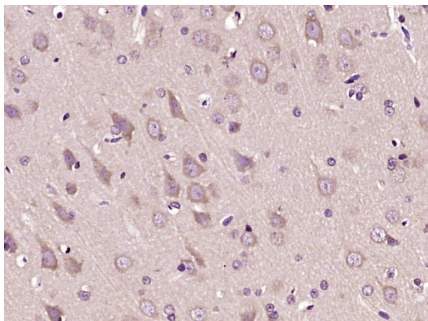
RSC96(Rat) Cell Lysate at 40 ug

Primary: Anti-KIAA1434 (AP56509) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 76 kD

Observed band size: 76 kD



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 (KIAA1434) Polyclonal Antibody, Unconjugated (AP56509) at 1:400 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'.