

KIAA1456 Rabbit pAb

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Catalog # AP56510

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9P272
Reactivity	Rat
Predicted	Pig, Dog, Human, Mouse, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51299
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIAA1456
Epitope Specificity	1-100/454
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	C8orf79 is a 454 amino acid protein that belongs to the methyltransferase superfamily and is encoded by a gene that maps to human chromosome 8p22. Consisting of nearly 146 million bases, chromosome 8 encodes about 800 genes. Translocation of portions of chromosome 8 with amplifications of the c-Myc gene are found in some leukemias and lymphomas, and are typically associated with a poor prognosis. Portions of chromosome 8 have been linked to schizophrenia and bipolar disorder. Trisomy 8, also known as Warkany syndrome 2, most often results in early miscarriage but is occasionally seen in a mosaic form in surviving patients who suffer to a varying degree from a number of symptoms including retarded mental and motor development, and certain facial and developmental defects. WRN is a DNA helicase encoded by chromosome 8 and shown defective in those with the early aging disorder Werner syndrome. Chromosome 8 is also associated with Pfeiffer syndrome, congenital hypothyroidism and Waardenburg syndrome.

Additional Information

Gene ID	57604
Other Names	Probable tRNA methyltransferase 9B, Probable tRNA methyltransferase 9-like protein, 2.1.1.-, TRMT9B (HGNC:26725)
Dilution	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.

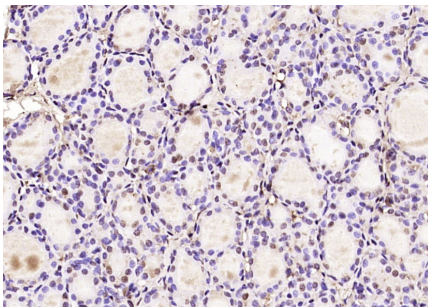
Protein Information

Name	TRMT9B (HGNC:26725)
Function	May modify wobble uridines in specific arginine and glutamic acid tRNAs. Acts as a tumor suppressor by promoting the expression of LIN9.
Tissue Location	Down-regulated in breast, bladder, colorectal, cervix and testicular carcinomas.

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Images



Paraformaldehyde-fixed, paraffin embedded (rat thyroid gland); 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 (KIAA1456) Polyclonal Antibody, Unconjugated (AP56510) 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'.