

GATAD1 Rabbit pAb

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Catalog # AP52301

Product Information

Primary Accession	Q8N5Y5
Predicted Host	Rat, Pig, Dog, Human, Mouse, Rabbit, Zebrafish, Chicken, Horse, Sheep
Clonality	Rabbit
Physical State	Polyclonal
Immunogen	Liquid
Epitope Specificity	KLH conjugated synthetic peptide derived from human GATAD1/ODAG 61-160/269
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	Nuclear
DISEASE	Defects in GATAD1 are the cause of cardiomyopathy, dilated type 2B (CMD2B) [MIM:614672]. CMD2B is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene contains a zinc finger at the N-terminus, and is thought to bind to a histone modification site that regulates gene expression. Mutations in this gene have been associated with autosomal recessive dilated cardiomyopathy. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2012]

Additional Information

Other Names	ODAG; CMD2B; RG83M5.2; GATA zinc finger domain-containing protein 1; Ocular development-associated gene protein; GATAD1
Dilution	ELISA=1:5000-10000
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

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References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Hillier L.W.,et al.Nature 424:157-164(2003).

Scherer S.W.,et al.Science 300:767-772(2003).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Vermeulen M.,et al.Cell 142:967-980(2010).

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