



Rabbit Anti-GATAD1 antibody

SL11921R

Product Name:	GATAD1
Chinese Name:	眼发育相关基因蛋白ODAG抗体
Alias:	ODAG; GATA zinc finger domain containing 1; Ocular development associated gene; GATA zinc finger domain-containing protein 1; ocular development-associated gene protein; GATAD1 protein; ocular development associated; ODAG; RG083M05.2; tcag7.279; GATD1_HUMAN.
文献引用 PubMed :	Specific References(1) SL11921R has been referenced in 1 publications. [IF=4.30]Ma, Xiaoling, et al. "Decreased expression and DNA methylation levels of GATAD1 in preeclamptic placentas." Cellular Signalling (2014).IHC-P;Human. PubMed:24462704
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Zebrafish,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	29kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GATAD1/ODAG:61-160/269
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	<p>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]</p> <p>Function: ODAG (Ocular development-associated gene), a novel transcription factor located on chromosome 7, encodes a protein that may play a role in eye development. mRNA profiling in multiple human tissue indicates that ODAG is expressed in human CD56+ NK cells and thyroid tissue.</p> <p>Subunit: Component of a chromatin complex, at least composed of KDM5A, GATAD1 and EMSY.</p> <p>Subcellular Location: Nuclear</p> <p>Tissue Specificity: Ubiquitously expressed among various tissue types. Expressed in left ventricular myocytes.</p> <p>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.</p> <p>Similarity: Contains 1 GATA-type zinc finger.</p> <p>SWISS: Q8WUU5</p> <p>Gene ID: 57798</p> <p>Database links: Entrez Gene: 57798 Human Entrez Gene: 67210 Mouse</p>

[SwissProt: Q8N5Y5](#) Human

[SwissProt: Q8WUU5](#) Human

[SwissProt: Q3TS14](#) Mouse

[SwissProt: Q8VCQ2](#) Mouse

[SwissProt: Q920S3](#) Mouse

[SwissProt: Q9CSG2](#) Mouse

[Unigene: 21145](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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