

ARG56135
anti-CITED2 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CITED2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	WB
Specificity	Multiple isoforms of CITED2 are known to exist.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CITED2
Species	Human
Immunogen	Synthetic peptide (18 aa) within the first 50 aa of Human CITED2.
Conjugation	Un-conjugated
Alternate Names	ASD8; MSG-related protein 1; VSD2; Cbp/p300-interacting transactivator 2; P35srj; P35SRJ; MRG-1; MRG1

Application Instructions

Application table	Application	Dilution
	WB	1 - 2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Jurkat cell lysate	

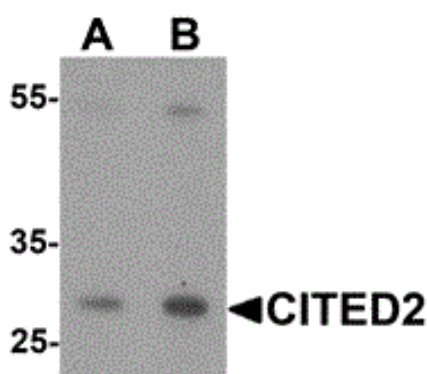
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Database links	GeneID: 10370 Human Swiss-port # Q99967 Human
Gene Symbol	CITED2
Gene Full Name	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2
Background	The protein encoded by this gene inhibits transactivation of HIF1A-induced genes by competing with binding of hypoxia-inducible factor 1-alpha to p300-CH1. Mutations in this gene are a cause of cardiac septal defects. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]
Function	Transcriptional coactivator of the p300/CBP-mediated transcription complex. Acts as a bridge, linking TFAP2 transcription factors and the p300/CBP transcriptional coactivator complex in order to stimulate TFAP2-mediated transcriptional activation. Positively regulates TGF-beta signaling through its association with the SMAD/p300/CBP-mediated transcriptional coactivator complex. Stimulates the peroxisome proliferator-activated receptors PPARA transcriptional activity. Enhances estrogen-dependent transactivation mediated by estrogen receptors. Acts also as a transcriptional corepressor; interferes with the binding of the transcription factors HIF1A or STAT2 and the p300/CBP transcriptional coactivator complex. Participates in sex determination and early gonad development by stimulating transcription activation of SRY. Plays a role in controlling left-right patterning during embryogenesis; potentiates transcriptional activation of NODAL-mediated gene transcription in the left lateral plate mesoderm (LPM). Plays an essential role in differentiation of the adrenal cortex from the adrenogonadal primordium (AGP); stimulates WT1-mediated transcription activation thereby up-regulating the nuclear hormone receptor NR5A1 promoter activity. Associates with chromatin to the PITX2 P1 promoter region. [UniProt]
Calculated Mw	28 kDa

Images



ARG56135 anti-CITED2 antibody WB image

Western blot: Jurkat cell lysate stained with ARG56135 anti-CITED2 antibody at (A) 1 and (B) 2 µg/ml dilution.