

Rabbit CITED2 Polyclonal Antibody | anti-CITED2 antibody

CITED2 Antibody

CATALOG # AAA40639	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

CITED2; Polyclonal Antibody; CITED2 Antibody; ASD8; MRG1; VSD2; MRG-1; P35SRJ; MSG-related protein 1; Cbp/p300-interacting transactivator; with Glu/Asp-rich carboxy-terminal domain; 2; anti-CITED2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Multiple isoforms of CITED2 are known to exist.
Purity/Purification	CITED2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	270
Applicable Applications for anti-CITED2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CITED2 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human CITED2.
Buffer	CITED2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CITED2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of CITED2 in Jurkat cells with CITED2 antibody at 20 µg/mL.



WB (Western Blot)

Western blot analysis of CITED2 in Jurkat cell lysate with CITED2 antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CITED2 antibody	CITED2 Antibody: CITED2 was initially identified as a potential transcriptional activator with significant homology to MSG1, a melanocyte-specific nuclear protein. CITED2 interacts with the histone acetyltransferase p300/CBP and acts as a coactivator to several DNA-binding transcription factors such as HIF-1 and AP-2. CITED2 also controls proliferation of mouse embryonic fibroblasts via the polycomb group genes Bmi-1 and Mel18 and the tumor suppressor Ink4a/Arf. CITED2 has also been found to be an essential regulator of adult hematopoietic stem cells (HSCs), with conditional deletion of CITED2 in the adult mouse resulting in the loss of HSCs, multilineage bone marrow failure and increased lethality.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	270288756
NCBI GeneID	10370
NCBI Accession #	NP_001161861
NCBI GenBank Nucleotide #	NM_001168389.1
UniProt Accession #	Q99967; O95426; Q5VTF4
Molecular Weight	30 kDa
NCBI Official Full Name	cbp/p300-interacting transactivator 2
NCBI Official Synonym Full Names	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2
NCBI Official Symbol	CITED2
NCBI Official Synonym Symbols	ASD8; MRG1; VSD2; MRG-1; P35SRJ
NCBI Protein Information	cbp/p300-interacting transactivator 2; MSG1-related gene 1; MSG-related protein 1; melanocyte-specific gene 1-related gene 1
UniProt Protein Name	Cbp/p300-interacting transactivator 2
UniProt Gene Name	CITED2
UniProt Synonym Gene Names	MRG1; MRG-1
UniProt Entry Name	CITE2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.