

Product datasheet for **TA319054**

CITED2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1-2 ug/ml, ELISA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG1
Clonality:	Polyclonal
Immunogen:	CITED2 antibody was raised against an 18 amino acid peptide near the amino terminus of human CITED2.
Formulation:	100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.
Concentration:	lot specific
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Cbp/p300 interacting transactivator with Glu/Asp rich carboxy-terminal domain 2
Database Link:	NP_006070 Entrez Gene 17684 MouseEntrez Gene 114490 RatEntrez Gene 10370 Human Q99967
Background:	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 Me18 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.

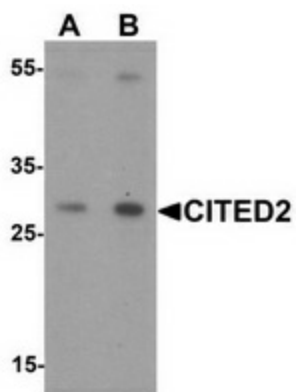


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Synonyms: ASD8; MRG-1; MRG1; P35SRJ; VSD2

Protein Families: Druggable Genome, Transcription Factors

Product images:



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