

CITED2 Antibody (NT)

ALTERNATE NAMES:	Cbp/p300-interacting transactivator 2, melanocyte-specific gene 1-related gene 1, MSG-related protein 1, MRG1, melanocyte specific gene 2, MSG2, ER154-like, ASD8, VSD2
CATALOG #:	5286-100
AMOUNT:	100 µg
HOST:	Rabbit
ISOTYPE:	IgG1
IMMUNOGEN:	CITED2 antibody was raised against an 18 amino acid peptide near the amino terminus of human CITED2.
PURIFICATION:	Affinity chromatography purified via peptide column
FORMULATION:	100 µg (1 mg/ml) in 1X PBS containing 0.02 % sodium azide.
SPECIES REACTIVITY:	Human, Mouse, Rat.
STORAGE CONDITIONS:	Can be stored at 4°C for three months. For long term storage, store at -20°C. Avoid freeze/thaw cycles.

DESCRIPTION:

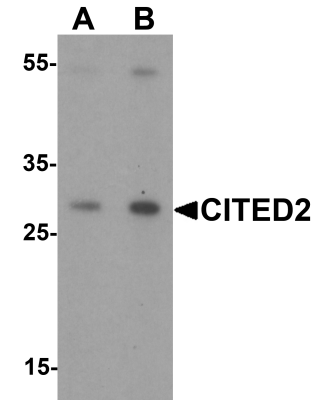
CITED2 was initially identified as a potential transcriptional activator with significant homology to MSG1, a melanocyte-specific nuclear protein. CITED2 interacts with the histone acetyltransferase p300/CBP and acts as a coactivator to several DNA-binding transcription factors such as HIF-1 and AP-2. 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.

SPECIFICITY: Multiple isoforms of CITED2 are known to exist.

APPLICATION: Western Blot: 1 - 2 µg/ml, ELISA

Note: *This information is only intended as a guide. The optimal dilutions must be determined by the user*

FOR RESEARCH USE ONLY! Not to be used on humans.



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