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Datasheet for ABIN6991767 **anti-CITED2 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	CITED2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CITED2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	CITED2 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human CITED2. The immunogen is located within the first 50 amino acids of CITED2.
Isotype:	IgG
Specificity:	Multiple isoforms of CITED2 are known to exist.
Purification:	CITED2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CITED2
Alternative Name:	CITED2 (CITED2 Products)

Target Details

Background:	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.
Molecular Weight:	30 kDa
Gene ID:	10370
NCBI Accession:	NP_001161861
UniProt:	Q99967
Pathways:	Tube Formation

Application Details

Application Notes:	CITED2 antibody can be used for detection of CITED2 by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	CITED2 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	CITED2 antibody can be stored at 4°C for three months and -20°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.