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anti-CITED1 antibody (AA 121-193) (Biotin)



Go to Product page

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Quantity:	100 μL
Target:	CITED1
Binding Specificity:	AA 121-193
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CITED1 antibody is conjugated to Biotin
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CITED1	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse	
Purification:	Purified by Protein A.	

Target Details

Target:	CITED1	
Alternative Name:	CITED1 (CITED1 Products)	
Background:	Synonyms: MSG1, Cbp/p300-interacting transactivator 1, Melanocyte-specific protein 1, CITED1	
	Background: Transcriptional coactivator of the p300/CBP-mediated trancription complex.	

Enhances SMAD-mediated transcription by strengthening the functional link between the DNA-binding SMAD transcription factors and the p300/CBP transcription coactivator complex. Stimulates estrogen-dependent transactivation activity mediated by estrogen receptors signaling, stabilizes the interaction of estrogen receptor ESR1 and histone acetyltransferase EP300. Positively regulates TGF-beta signaling through its association with the SMAD/p300/CBP-mediated transcriptional coactivator complex. Induces transcription from estrogen-responsive promoters and protection against cell death. Potentiates EGR2-mediated transcriptional activation activity from the ERBB2 promoter. Acts as an inhibitor of osteoblastic mineralization through a cAMP-dependent parathyroid hormone receptor signaling. May play a role in pigmentation of melanocytes. Associates with chromatin to the estrogen-responsive TGF-alpha promoter region in a estrogen-dependent manner.

Gene ID:

4435

UniProt:

Q99966

Application Details

Application Notes:

WB 1:300-5000

IHC-P 1:200-400

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months