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Datasheet for ABIN890775

**anti-CITED1 antibody (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	CITED1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CITED1 antibody is conjugated to Alexa Fluor 647
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 ( <a href="#">CITED1 Products</a> )
Background:	<p>Synonyms: MSG1, Cbp/p300-interacting transactivator 1, Melanocyte-specific protein 1, CITED1</p> <p>Background: Transcriptional coactivator of the p300/CBP-mediated transcription complex.</p> <p>Enhances SMAD-mediated transcription by strengthening the functional link between the DNA-binding SMAD transcription factors and the p300/CBP transcription coactivator complex.</p>

## Target Details

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: IF(IHC-P) 1:50-200

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: 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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months