Mouse anti-Human, Rat CITED1 Monoclonal Antibody | anti-CITED1 antibody

CITED1 (CBP/p300 Interacting Transactivator 1, Cbp/p300-interacting Transactivator with Glu/Asp-rich Carboxy-terminal Domain 1, Melanocyte-specific Protein1) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24761	**Mouse**	**Human, Rat**	**ELISA, Western Blot**

PRODUCT SYNONYMS

CITED1; Monoclonal Antibody; CITED1 (CBP/p300 Interacting Transactivator 1; Cbp/p300-interacting Transactivator with Glu/Asp-rich Carboxy-terminal Domain 1; Melanocyte-specific Protein1) (Biotin); anti-CITED1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	6G8
Specificity	Recognizes human CITED1. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-CITED1 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa94-193 from human CITED1 (NP_004134) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	SMQLQKLNSQYQGMAAATPGQPGEAGPLQNWDFGAQAGGAESLSPSAGAQSPAIIDSDPVDEEVLMSLVVELGLDRANELPELWLGQNEFDFTADFPS
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
Western blot analysis of CITED1 over-expressed 293 cell line, cotransfected with CITED1 Validated Chimera RNAi ((Lane 2) or non-transfected control (Lane 1). Blot probed with CITED1 monoclonal antibody GAPDH (36.1kD) used as specificity and loading control.

Application Data
Detection limit for recombinant GST tagged CITED1 is ~0.3ng/ml as a capture antibody.

WB (Western Blot)
Western Blot analysis of CITED1 expression in transfected 293T cell line by CITED1 monoclonal antibody. Lane 1: CITED1 transfected lysate (19.9kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
CITED1 monoclonal antibody Western Blot analysis of CITED1 expression in A-431.

WB (Western Blot)
CITED1 monoclonal antibody. Western Blot analysis of CITED1 expression in PC-12.

WB (Western Blot)
Western Blot detection against Immunogen (36.74kD).

ADDITIONAL INFORMATION

Related Product Information for anti-CITED1 antibody	This gene encodes a member of the CREB-binding protein/p300-interacting transactivator with Asp/Glu-rich C-terminal domain (CITED) family of proteins. The encoded protein, also known as melanocyte-specific gene 1, may function as a transcriptional coactivator and may play a role in pigmentation of melanocytes. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-CITED1 antibody	Antibodies; Cancer Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	222136686
NCBI GeneID	4435
NCBI Accession #	NP_004134
NCBI GenBank Nucleotide #	NM_004143
UniProt Accession #	Q99966
Molecular Weight	23kDa
NCBI Official Full Name	cbp/p300-interacting transactivator 1 isoform 1
NCBI Official Synonym Full Names	Cbp/p300 interacting transactivator with Glu/Asp rich carboxy-terminal domain 1
NCBI Official Symbol	CITED1
NCBI Official Synonym Symbols	MSG1
NCBI Protein Information	cbp/p300-interacting transactivator 1
UniProt Protein Name	Cbp/p300-interacting transactivator 1
UniProt Gene Name	**CITED1**
UniProt Synonym Gene Names	MSG1
UniProt Entry Name	CITE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/cited1-antibody-clone-6g8-western-blot-elisa/24761