



Anti-CITED1 (full length) polyclonal antibody (DPAB-DC1952)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	CITED1 (AAH04240, 1 a.a. ~ 193 a.a) full-length recombinant protein with GST tag. The sequence is MPTTSRPALDVKGGTSPAKEDANQEMSSVAYSNLAVKDRKAVAILHYPGVASNGTKASGA PTSSSGSPIGSPTTTPPTKPPSFNLHPAPHLLASMQLQKLNSQYQGMAAATPGQPGEAGP LQNWDFGAQAGGAESLSPSAGAQSPAIDSPPVDEEVLM SLVVELGLDRANELPELWLGQ NEFDFTADFPSSC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CITED1 Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1 [Homo sapiens (human)]
Official Symbol	CITED1
Synonyms	CITED1; Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1; MSG1; cbp/p300-interacting transactivator 1; melanocyte-specific gene 1; melanocyte-specific protein 1;
Entrez Gene ID	4435
Protein Refseq	NP_001138357
UniProt ID	Q99966
Chromosome Location	Xq13.1
Pathway	Regulation of nuclear SMAD2/3 signaling;
Function	LBD domain binding; chromatin binding; co-SMAD binding; protein C-terminus binding