

Datasheet for ABIN7598978
anti-CITED1 antibody (AA 1-130)



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Overview

Quantity:	100 µg
Target:	CITED1
Binding Specificity:	AA 1-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CITED1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-CITED1 Antibody Picoband®
Immunogen:	E.coli-derived human CITED1 recombinant protein (Position: M1-A130).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-CITED1 Antibody Picoband® (ABIN7598978). Tested in ELISA, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	CITED1
Alternative Name:	CITED1 (CITED1 Products)
Background:	Synonyms: Vasoactive intestinal polypeptide receptor 1, VIP-R-1, Pituitary adenylate cyclase-activating polypeptide type II receptor, PACAP type II receptor, PACAP-R-2, PACAP-R2, VPAC1, VIPR1 Tissue Specificity: In lung, HT-29 colonic epithelial cells, Raji B-lymphoblasts. Lesser extent in brain, heart, kidney, liver and placenta. Not expressed in CD4+ or CD8+ T-cells. Expressed in the T-cell lines HARRIS, HuT 78, Jurkat and SUP-T1, but not in the T- cell lines Peer, MOLT-4, HSB and YT. Background: Cbp/p300-interacting transactivator 1 is a protein that in humans is encoded by the CITED1 gene. 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.
Molecular Weight:	23 kDa
Gene ID:	4435
UniProt:	Q99966

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Fenner, M. H., Parrish, J. E., Boyd, Y., Reed, V., MacDonald, M., Nelson, D. L., Isselbacher, K. J., Shioda, T. MSG1 (melanocyte-specific gene 1): mapping to chromosome Xq13.1, genomic organization, and promoter analysis. Genomics 51: 401-407, 1998. 2. Shioda, T., Fenner, M. H., Isselbacher, K. J. Msg1, a novel melanocyte-specific gene, encodes a nuclear protein and is associated with pigmentation. Proc. Nat. Acad. Sci. 93: 12298-12303, 1996. 3. Shioda, T., Fenner, M. H., Isselbacher, K. J. MSG1 and its related protein MRG1 share a transcription activating domain. Gene 204: 235-241, 1997.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized

Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.