

## Product datasheet for **TA319813**

### CITED2 Rabbit Polyclonal Antibody

#### Product data:

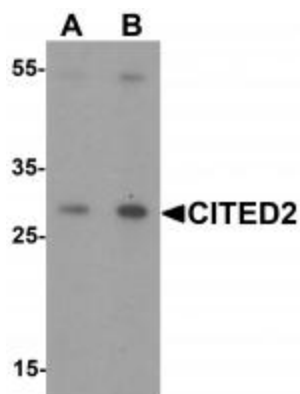
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CITED2 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human CITED2.
Formulation:	CITED2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	CITED2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	30 kDa
Gene Name:	Cbp/p300 interacting transactivator with Glu/Asp rich carboxy-terminal domain 2
Database Link:	<a href="#">NP_001161861</a> <a href="#">Entrez Gene 10370 Human</a> <a href="#">Q99967</a>
Background:	CITED2 Antibody: CITED2 was initially identified as a potential transcriptional activator with significant homology to MSG1, a melanocyte-specific nuclear protein. CITED2 interacts with the histone acetyltransferase p300/CBP and acts as a coactivator to several DNA-binding transcription factors such as HIF-1 and AP-2. CITED2 also controls proliferation of mouse embryonic fibroblasts via the polycomb group genes Bmi-1 and Mel18 and the tumor suppressor Ink4a/Arf. CITED2 has also been found to be an essential regulator of adult hematopoietic stem cells (HSCs), with conditional deletion of CITED2 in the adult mouse resulting in the loss of HSCs, multilineage bone marrow failure and increased lethality.



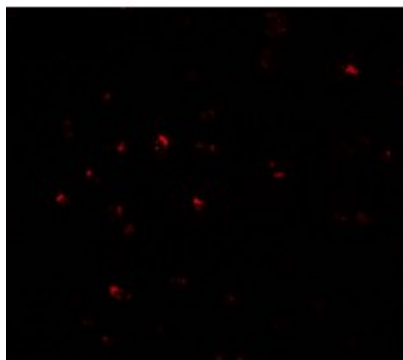
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Synonyms: ASD8; MRG-1; MRG1; P35SRJ; VSD2

### Product images:



Western blot analysis of CITED2 in Jurkat cell lysate with CITED2 antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of CITED2 in Jurkat cells with CITED2 antibody at 20 ug/mL.