

CITED2 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15670**Specification**

CITED2 Antibody (N-Terminus) - Product Information

Application	IHC, IF, WB
Primary Accession	Q99967
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28kDa KDa

CITED2 Antibody (N-Terminus) - Additional Information**Gene ID** 10370**Other Names**

Cbp/p300-interacting transactivator 2, MSG-related protein 1, MRG-1, P35srj, CITED2, MRG1

Target/Specificity

Human CITED2. Multiple isoforms of CITED2 are known to exist.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

CITED2 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CITED2 Antibody (N-Terminus) - Protein Information**Name** CITED2**Synonyms** MRG1**Function**

Transcriptional coactivator of the p300/CBP-mediated transcription complex. Acts as a bridge, linking TFAP2 transcription factors and the p300/CBP transcriptional coactivator complex in order to stimulate TFAP2-mediated transcriptional activation. Positively regulates TGF-beta signaling through its association with the SMAD/p300/CBP-mediated transcriptional coactivator complex. Stimulates the peroxisome proliferator-activated receptors PPARA transcriptional activity. Enhances estrogen-dependent transactivation mediated by estrogen receptors. Acts also as a transcriptional corepressor; interferes with the binding of the transcription factors HIF1A or STAT2 and the p300/CBP transcriptional coactivator complex. Participates in sex determination and early gonad development by stimulating transcription activation of SRY. Plays a role in controlling left-right patterning during embryogenesis; potentiates transcriptional activation of NODAL-mediated gene transcription in the left lateral plate mesoderm (LPM). Plays an essential

role in differentiation of the adrenal cortex from the adrenogonadal primordium (AGP); stimulates WT1-mediated transcription activation thereby up-regulating the nuclear hormone receptor NR5A1 promoter activity. Associates with chromatin to the PITX2 P1 promoter region.

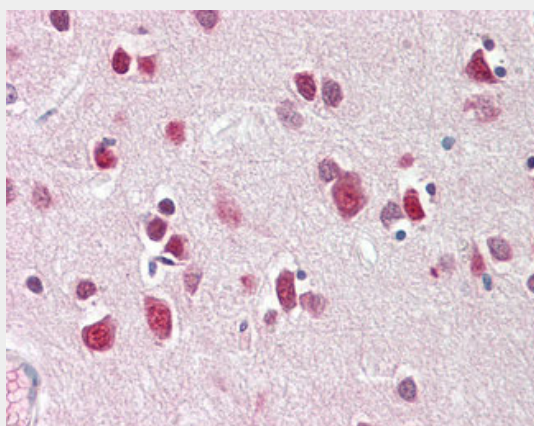
Cellular Location

Nucleus Note=Colocalizes with EP300 in dot-like structures

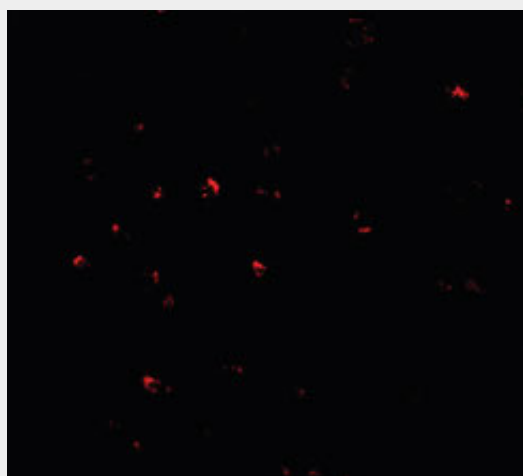
CITED2 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

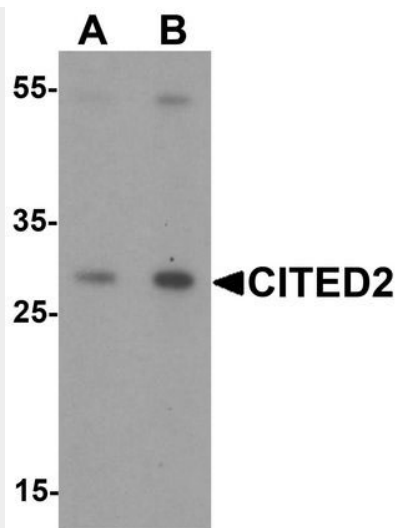
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CITED2 Antibody (N-Terminus) - Images

Anti-CITED2 antibody IHC staining of human brain, cortex.



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



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

CITED2 Antibody (N-Terminus) - Background

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CITED2 Antibody (N-Terminus) - References

Shioda T.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:12298-12303(1996).
Leung M.K.,et al.Genomics 61:307-313(1999).
Bhattacharya S.,et al.Genes Dev. 13:64-75(1999).
Mungall A.J.,et al.Nature 425:805-811(2003).
Yahata T.,et al.Genes Dev. 15:2598-2612(2001).