

MED25 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10203a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q71SY5
Other Accession	Q8VCB2 , A2VE44 , NP_112235.2
Reactivity	Human, Mouse
Predicted	Bovine, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24225
Calculated MW	78171
Antigen Region	112-140

Additional Information

Gene ID	81857
Other Names	Mediator of RNA polymerase II transcription subunit 25, Activator interaction domain-containing protein 1, Activator-recruited cofactor 92 kDa component, ARC92, Mediator complex subunit 25, p78, MED25, ACID1, ARC92, PTOV2
Target/Specificity	This MED25 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 112-140 amino acids of human MED25.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MED25 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MED25
Synonyms	ACID1, ARC92, PTOV2

Function	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene- specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. Required for RARA/RXRA-mediated transcription.
Cellular Location	Nucleus.
Tissue Location	Ubiquitously expressed. Highest levels in brain, heart, kidney, peripheral leukocytes, placenta, skeletal muscle and spleen.

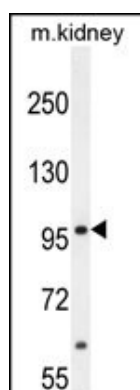
Background

This gene encodes a component of the transcriptional coactivator complex termed the Mediator complex. This complex is required for transcription of most RNA polymerase II-dependent genes. The encoded protein plays a role in chromatin modification and in preinitiation complex assembly. Mutations in this gene are associated with Charcot-Marie-Tooth disease type 2B2. [provided by RefSeq].

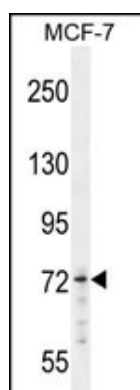
References

Roupelieva, M., et al. J. Gen. Virol. 91 (PT 5), 1138-1149 (2010) : Leal, A., et al. Neurogenetics 10(4):275-287(2009) Lee, H.K., et al. EMBO J. 26(15):3545-3557(2007) Sato, S., et al. Mol. Cell 14(5):685-691(2004) Yang, F., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2339-2344(2004)

Images



MED25 Antibody (N-term) (Cat. #AP10203a) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the MED25 antibody detected the MED25 protein (arrow).



MED25 Antibody (N-term) ((Cat. #AP10203a) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the MED25 antibody detected the MED25 protein (arrow).

MED25 antibody (N-term) (Cat. #AP10203a) immunohistochemistry analysis in formalin fixed and



paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MED25 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- [MED25 is a mediator component of HNF4α-driven transcription leading to insulin secretion in pancreatic beta-cells.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.