

MED28 Rabbit pAb

MED28 Rabbit pAb
Catalog # AP57239

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H204
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Zebrafish, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19520
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MED28
Epitope Specificity	1-100/178
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus. Cytoplasm. Membrane. According to PubMed:15467741, it is cytoplasmic and mainly membrane-associated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Med28 is a 178 amino acid subunit of the Mediator complex that localizes to both nucleus and cytoplasm. Widely expressed with highest expression in vascular tissues such as placenta, testis and liver, Med28 participates in the regulation of Pol II-mediated gene expression and is thought to play a key role in signal regulation and cell proliferation. It is suggested that Med28 functions as a repressor of SMC (smooth muscle cell) differentiation and may be associated with abnormalities in SMC growth and differentiation, including atherosclerosis, asthma, hypertension and smooth muscle tumors.

Additional Information

Gene ID	80306
Other Names	Mediator of RNA polymerase II transcription subunit 28, Endothelial-derived protein 1, Mediator complex subunit 28, Merlin and Grb2-interacting cytoskeletal protein, Magicin, Tumor angiogenesis marker EG-1, MED28, EG1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

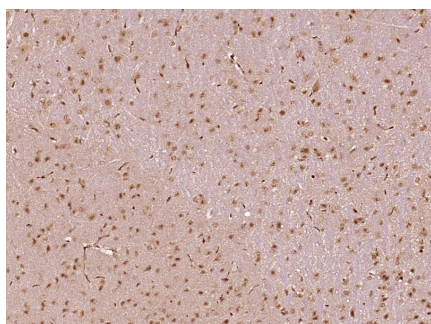
Protein Information

Name	MED28
Synonyms	EG1
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. May be part of a complex containing NF2/merlin that participates in cellular signaling to the actin cytoskeleton downstream of tyrosine kinase signaling pathways.
Cellular Location	Nucleus. Cytoplasm. Membrane; Peripheral membrane protein Note=According to PubMed:15467741, it is cytoplasmic and mainly membrane-associated
Tissue Location	Widely expressed. Highly expressed in vascular tissues such as placenta, testis and liver

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MED28) Polyclonal Antibody, Unconjugated (AP57239) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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