

MED28 polyclonal antibody

Catalog: BS60525

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

In mammalian cells, transcription is regulated in part by high molecular weight coactivating complexes that mediate signals between transcriptional activators and RNA polymerase II (Pol II). The Mediator complex is one such multiprotein structure that functions as a bridge between regulatory proteins and Pol II, thereby regulating Pol II-dependent transcription. Med28 (mediator complex subunit 28), also known as EG1 (endothelial-derived protein 1), magicin (merlin and Grb2-interacting cytoskeletal protein) or tumor angiogenesis marker EG-1, 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.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 20 kDa

Swiss-Prot:

Q9H204

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

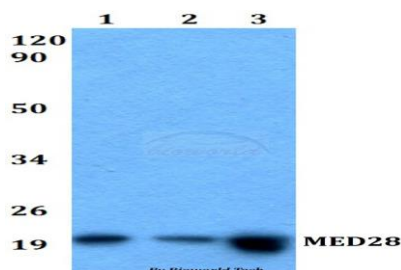
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

MED28 polyclonal antibody detects endogenous levels of MED28 protein.

DATA:



Western blot (WB) analysis of MED28 polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: Raw264.7 whole cell lysate

Lane3: PC12 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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