MED18 (V102) polyclonal antibody

Catalog: BS3141 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

In mammalian cells, transcription is regulated in part by high molecular weight co-activating complexes that mediate signals between transcriptional activators and RNA polymerase II (Pol II). The mediator complex is one such multi-protein structure that functions as a bridge between regulatory proteins and Pol II, thereby regulating Pol II-dependent transcription. Med18 (mediator complex subunit 18), also known asp28b, is a 208 amino acid protein that localizes to nucleus and exists as a component of the mediator complex. Working in tandem with several other proteins, including Med8 and Med25, Med18 serves as a scaffold for the assembly of a functional preinitiation complex with Pol II and general transcription factors, thereby activating the transcription of Pol II-dependent genes.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 24 kDa

Swiss-Prot:

Q9BUE0

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

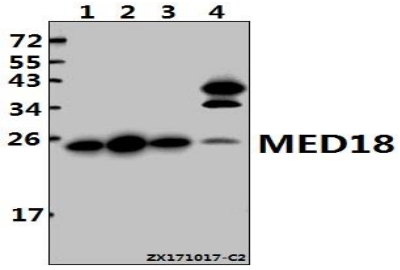
Storage&Stability:

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

Specificity:

MED18 (V102) polyclonal antibody detects endogenous levels of MED18 protein.

DATA:



Western blot (WB) analysis of MED18 (V102) pAb at 1:1000 dilution

Lane1:HepG2 whole cell lysate(20ug)

Lane2:SGC7901 whole cell lysate(20ug)

Lane3:The Brain tissue lysate of Rat(40ug)

Lane4:The Brain tissue lysate of Mouse(40ug)

Note:

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

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