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| <b>Product name:</b>     | Med18 Rabbit Polyclonal Antibody                                                                 |
| <b>Cat number:</b>       | ABN13771                                                                                         |
| <b>Conjugate:</b>        | Unconjugated                                                                                     |
| <b>Size:</b>             | 100μL                                                                                            |
| <b>Clone:</b>            | Polyclonal                                                                                       |
| <b>Concentration:</b>    | 1mg/ml                                                                                           |
| <b>Host:</b>             | Rabbit                                                                                           |
| <b>Isotype:</b>          | IgG                                                                                              |
| <b>Immunogen:</b>        | The antiserum was produced against synthesized peptide derived from human MED18. AA range:70-119 |
| <b>Reactivity:</b>       | Human,Mouse,Rat                                                                                  |
| <b>Applications:</b>     | WB 1:500-1:2000,ELISA 1:20000-1:40000                                                            |
| <b>Molecular Weight:</b> | 24kDa                                                                                            |
| <b>Purification:</b>     | Affinity purification                                                                            |
| <b>Form:</b>             | Liquid                                                                                           |
| <b>Buffer:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.               |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.     |

**Background:**

MED18 is a component of the Mediator complex, which is a coactivator for DNA-binding factors that activate transcription via RNA polymerase II (Sato et al., 2003 [PubMed 12584197]).[supplied by OMIM, Oct 2008],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.,similarity:Belongs to the Mediator complex subunit 18 family.,subunit:Component of the Mediator complex, which is composed of MED1, MED4, MED6, MED7, MED8, MED9, MED10, MED11, MED12, MED13, MED13L, MED14, MED15, MED16, MED17, MED18, MED19, MED20, MED21, MED22, MED23, MED24, MED25, MED26, MED27, MED29, MED30, MED31, CCNC, CDK8 and CDC2L6/CDK11. The MED12, MED13, CCNC and CDK8 subunits form a distinct module termed the CDK8 module. Mediator containing the CDK8 module is less active than Mediator lacking this module in supporting transcriptional activation. Individual preparations of the Mediator complex lacking one or more distinct subunits have been variously termed ARC, CRSP, DRIP, PC2, SMCC and TRAP.,