

MED15 Rabbit pAb

CatalogNo: YN0841

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 86kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 510-590

Specificity MED15 Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name MED15 ARC105 CTG7A PCQAP TIG1 TNRC7

Protein Name	Mediator of RNA polymerase II transcription subunit 15 (Activator-recruited cofactor 105 kDa component) (ARC105) (CTG repeat protein 7a) (Mediator complex subunit 15) (Positive cofactor 2 glutamine/Q-rich-associated protein) (PC2 glutamine/Q-rich-associated protein) (TPA-inducible gene 1 protein) (TIG-1) (Trinucleotide repeat-containing gene 7 protein)		
	Organism	Gene ID	UniProt ID
	Human	51586 ;	Q96RN5 ;
	Mouse		Q924H2 ;
Cellular Localization	Cytoplasm. Nucleus.		
Tissue specificity	Expressed in all tissues examined, including heart, brain, lung, spleen, thymus, pancreas, blood leukocyte and placenta. However, the level of expression varied, with highest expression in the placenta and peripheral blood and lowest in the pancreas and kidney.		
Function	<p>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 cholesterol-dependent gene regulation. Positively regulates the Nodal signaling pathway.,induction:By 12-O-tetradecanoylphorbol-13-acetate (TPA).,polymorphism:The poly-Gln region from amino acids 235-262 of PCQAP is polymorphic. There are from 15 to 18 repeats in the Italian population.,sequence Caution:Several sequencing errors.,similarity:Belongs to the Mediator complex subunit 15 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. Interacts with SMAD2, SMAD3, SREBF1 and SREBF2.,tissue specificity:Expressed in all tissues examined, including heart, brain, lung, spleen, thymus, pancreas, blood leukocyte and placenta. However, the level of expression varied, with highest expression in the placenta and peripheral blood and lowest in the pancreas and kidney.,</p>		

| Validation Data

| Contact information

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Please scan the QR code
to access additional
product information:
MED15 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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