



MED15 Polyclonal Antibody

Catalog No	YP-Ab-05714
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	MED15 ARC105 CTG7A PCQAP TIG1 TNRC7
Immunogen	Synthesized peptide derived from human protein . at AA range: 510-590
Specificity	MED15 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Mediator of RNA polymerase II transcription subunit 15;CTG7A;CTG repeat protein 7a;CAG7A;ARC105;MED15;MED15 ARC105 CTG7A PCQAP TIG1 TNRC7;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-
Observed Band	105 kDa
Calculated Molecular Weight	788 aa, 87 kDa
Cell Pathway	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	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

Background

The protein encoded by this gene is a subunit of the multiprotein complexes PC2 and ARC/DRIP and may function as a transcriptional coactivator in RNA polymerase II transcription. This gene contains stretches of trinucleotide repeats and is located in the chromosome 22 region which is deleted in DiGeorge syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images