

Rabbit MED15 Polyclonal Antibody | anti-MED15 antibody

MED15 Antibody

CATALOG # AAA328027	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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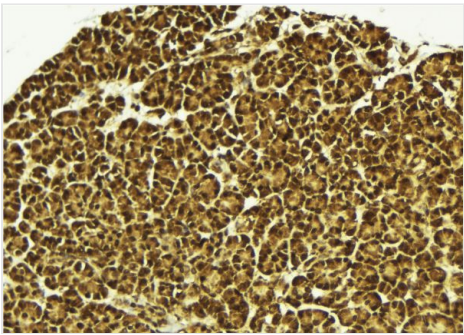
PRODUCT SYNONYMS

MED15; Polyclonal Antibody; MED15 Antibody; Activator recruited cofactor 105 kD; Activator-recruited cofactor 105 kDa component; ARC105; CAG7A; CTG repeat protein 7a; CTG7A; Mediator complex subunit 15; Mediator of RNA polymerase II transcription subunit 15; PC2 glutamine rich associated protein; PC2 glutamine/Q-rich-associated protein; Positive cofactor 2 glutamine/Q-rich-associated protein; TIG-1; TIG1; TNRC7; TPA inducible gene 1; TPA inducible protein; TPA-inducible gene 1 protein; Trinucleotide repeat containing 7; Trinucleotide repeat containing gene 7 protein; anti-MED15 antibody

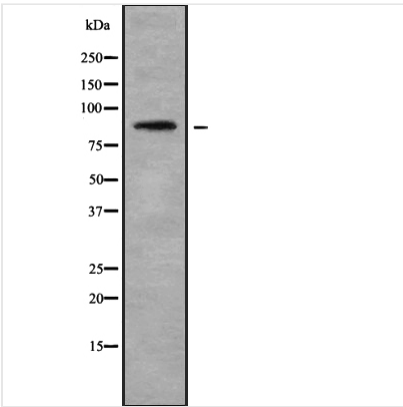
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MED15 antibody detects endogenous levels of total MED15
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	788
Applicable Applications for anti-MED15 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MED15
Subcellular Location	Cytoplasmic and Nuclear
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.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (83%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%), Chicken (92%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328027 at 1/100 staining Mouse pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of MED15 using NIH-3T3 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-MED15 antibody	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. Subunit Structure: 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. Interacts with WWTR1. Interacts with TRIM11. Post-translational Modifications: Ubiquitinated by TRIM11, leading to proteasomal degradation. Similarity: Belongs to the Mediator complex subunit 15 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51477700
NCBI GeneID	51586
NCBI Accession #	NP_001003891.1
NCBI GenBank Nucleotide #	NM_001003891.2
UniProt Accession #	Q96RN5; O15413; Q6IC31; Q8NF16; Q96CT0; Q96IH7; Q9P1T3; D3DX31; D3DX32
Molecular Weight	Observed: 87 kDa Predicted: 87 kDa
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 15 isoform a
NCBI Official Synonym Full Names	mediator complex subunit 15
NCBI Official Symbol	MED15
NCBI Official Synonym Symbols	TIG1; CAG7A; CTG7A; PCQAP; TIG-1; TNRC7; ARC105
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 15
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 15

UniProt Gene Name	MED15
UniProt Synonym Gene Names	ARC105; CTG7A; PCQAP; TIG1; TNRC7; ARC105; PC2 glutamine/Q-rich-associated protein; TIG-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/med15-antibody-immunohistochemistry-western-blot-elisa/328027>