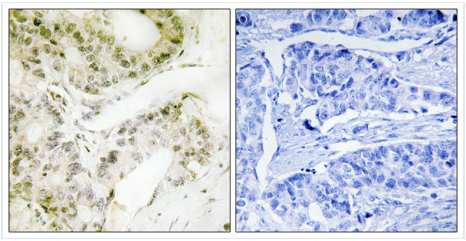
MED13 Antibody

PRODUCT OVERVIEW

Product Name	MED13, Antibody
Full Product Name	MED13 Antibody
Product Gene Name	anti-MED13 antibody
Product Synonym Names	ARC250; Activator-recruited cofactor 250 kDa component; KIAA0593; T240; THRAP1; TR240; Thyroid hormone receptor associated protein 1; Thyroid hormone receptor-associated protein complex 240 kDa component
Species Reactivity	Human
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity	MED13 antibody detects endogenous levels of total MED13 protein.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	239,297 Da
OMIM	603808
3D Structure	ModBase 3D Structure for Q9UHV7
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human MED13.
Product Categories/Family for anti-MED13 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MED13 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-MED13 antibody	IHC: 1:50-1:100 ELISA: 1:40000
Related Product Information for anti-MED13 antibody	MBS851942 is an antibody targeting MED13. Also known as MED13 Antibody. Reactive in Human.
Product References and Citations for anti-MED13 antibody	Olsen J.V., Cell 127:635-648(2006). Beausoleil S.A., Proc. Natl. Acad. Sci. U.S.A. 101:12130-12135(2004). Naeaer A.M., Nature 398:828-832(1999).
Other Notes	Small volumes of anti-MED13 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC) of anti-MED13 antibody
Peptide-+ Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using MED13 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MED13. It may not necessarily be applicable to this product.

NCBI GI #	102468717
NCBI GeneID	9969
NCBI Accession #	NP_005112.2
UniProt Primary Accession #	Q9UHV7
UniProt Secondary Accession #	O60334; B2RU05
UniProt Related Accession #	Q9UHV7
GenBank Nucleotide #	NM_005121.2
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 13
NCBI Official Synonym Full Names	mediator complex subunit 13
NCBI Official Symbol	MED13
NCBI Official Synonym Symbols	ARC250; THRAP1; DRIP250; HSPC221; TRAP240
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 13
UniProt Synonym Protein Names	Activator-recruited cofactor 250 kDa component; ARC250; Mediator complex subunit 13; Thyroid hormone receptor-associated protein 1; Thyroid hormone receptor-associated protein complex 240 kDa component; Trap240; Vitamin D3 receptor-interacting protein complex component DRIP250; DRIP250
Protein Family	Mediator of RNA polymerase II transcription
UniProt Gene Name	MED13
UniProt Synonym Gene Names	ARC250; KIAA0593; THRAP1; TRAP240; ARC250; Trap240; DRIP250
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 13
NCBI Summary for MED13	This gene encodes a component of the mediator complex (also known as TRAP, SMCC, DRIP, or ARC), a transcriptional coactivator complex thought to be required for the expression of almost all genes. The mediator complex is recruited by transcriptional activators or nuclear receptors to induce gene expression, possibly by interacting with RNA polymerase II and promoting the formation of a transcriptional pre-initiation complex. The product of this gene is proposed to form a sub-complex with MED12, cyclin C, and CDK8 that can negatively regulate transactivation by mediator. [provided by RefSeq, Jul 2008]
UniProt Comments for MED13	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.
Research Articles on MED13	**1.** Each of HSPA4 and MED13 mutations were detected in GC.

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