



TRAP220 rabbit pAb

Cat#: orb766515 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	TRAP220 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MED1. AA range:641-690
Specificity	TRAP220 Polyclonal Antibody detects endogenous levels of TRAP220 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Mediator of RNA polymerase II transcription subunit 1
Gene Name	MED1
Cellular localization	Nucleus . A subset of the protein may enter the nucleolus subsequent to phosphorylation by MAPK1 or MAPK3.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Clonality	Polyclonal



Concentration	1 mg/ml
Observed band	170kD
Human Gene ID	5469
Human Swiss-Prot Number	Q15648
Alternative Names	MED1; ARC205; CRSP1; CRSP200; DRIP205; DRIP230; PBP; PPARBP; PPARGBP; RB18A; TRAP220; TRIP2; Mediator of RNA polymerase II transcription subunit 1; Activator-recruited cofactor 205 kDa component; ARC205; Mediator complex subunit 1; Peroxiso
Background	The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. It also regulates p53-dependent apoptosis and it is essential for adipogenesis. This protein is known to have the ability to self-oligomerize. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using TRAP220 Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,U



www.biorbyt.com



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MED1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using MED1 Antibody. The lane on the right is blocked with the synthesized peptide.