

Anti-Phospho-MED1 (Thr1457) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Monkey
Conjugation:	Unconjugated
Molecular Weight:	Actual: 168 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Application:	WB,IHC-P,ICC/IF,ELISA
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ICC/IF: 1:200-1000; ELISA: 1:5000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human PPAR-BP around the phosphorylation site of Thr1457. AA range:1423-1472
Antigen Species:	human
Uniprot ID:	Q15648
Synonyms:	p-MED1 (Thr1457);MED1 (p-T1457);p-MED1 (T1457);MED1 (p-Thr1457)

Research Background

mediator complex subunit 1(MED1) Homo sapiens 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],

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