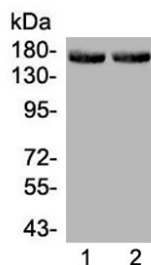


## MED14 Antibody (R32962)

Catalog No.	Formulation	Size
R32962	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	O60244
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA (recombinant Human Protein) : 0.1-0.5ug/ml (BSA-free format available)
<b>Limitations</b>	This MED14 antibody is available for research use only.



Western blot testing of 1) rat liver and 2) mouse liver lysate with MED14 antibody at 0.5ug/ml. Expected molecular weight: 150-170 kDa.

## Description

Mediator of RNA polymerase II transcription subunit 14 is an enzyme that in humans is encoded by the MED14 gene. 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. This protein contains a bipartite nuclear localization signal. This gene is known to escape chromosome X-inactivation.

## **Application Notes**

Optimal dilution of the MED14 antibody should be determined by the researcher.

## **Immunogen**

A recombinant human protein corresponding to amino acids D181-D375 was used as the immunogen for the MED14 antibody.

## **Storage**

After reconstitution, the MED14 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.