

Basic Information

Product Name	Anti-CRSP2/MED14 Antibody
Gene Name	MED14
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	E. coli-derived human MED14 recombinant protein (Position: D181-D375).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	160 kDa
Dilution Ratios	Western blot (WB):1:500-2000 ELISA: 1:100-1000

Storage

12 months from date of receipt, -20°C as supplied.

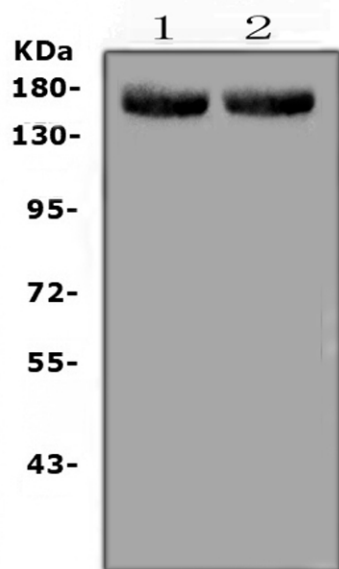
Background Information

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.

Reference

Anti-CRSP2/MED14 Antibody被引用在1文献中。

Selected Validation Data



Western blot analysis of CRSP2/MED14 using anti-CRSP2/MED14 antibody (A04799-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: rat liver tissue lysates,

Lane 2: mouse liver tissue lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-CRSP2/MED14 antigen affinity purified polyclonal antibody (A04799-2) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CRSP2/MED14 at approximately 160 kDa. The expected band size for CRSP2/MED14 is at 161 kDa.