

For Research Use Only

MED31 Polyclonal antibody

Catalog Number: 16590-1-AP

1 Publications



Basic Information

Catalog Number:

16590-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9008

GenBank Accession Number:

BC012539

GeneID (NCBI):

51003

UNIPROT ID:

Q9Y3C7

Full Name:

mediator complex subunit 31

Calculated MW:

131 aa, 16 kDa

Observed MW:

16 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : mouse testis tissue, human brain tissue

IF/ICC : HepG2 cells,

Background Information

MED31, also named as SOH1 or CGI-125, is a 131 amino acid protein, which belongs to the Mediator complex subunit 31 family. MED31 localizes in the nucleus. MED31 as a component of the Mediator complex, a coactivator is involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. MED31 functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery.

Notable Publications

Author	Pubmed ID	Journal	Application
Risley Michael D MD	20347762	Dev Biol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

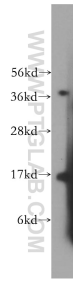
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

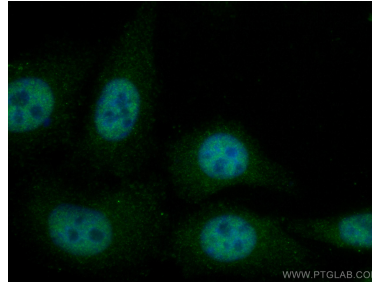
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 16590-1-AP (MED31 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MED31 antibody (16590-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).