Product Datasheet

p150 CAF1 Rabbit mAb

Catalog No: #59842

Package Size: #59842-1 50ul #59842-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	p150 CAF1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	p150 CAF1 Antibody detects endogenous levels of total p150 CAF1
Immunogen Description	A synthesized peptide derived from human p150 CAF1
Other Names	CAF; CAF1; CAF1P150; CHAF1A; DCAF1; hp15; P150;
Accession No.	Uniprot:Q13111
Calculated MW	Predicted band size: 107 kDa
SDS-PAGE MW	Observed band size: 150 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

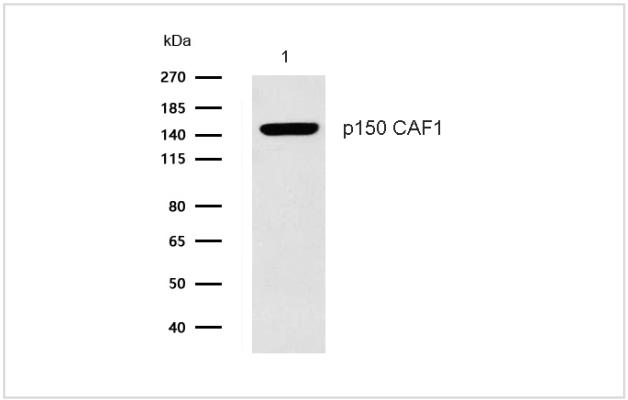
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



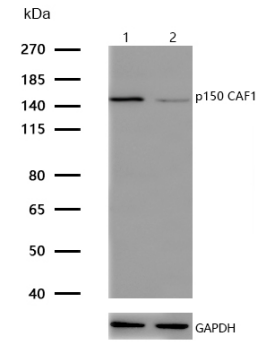
All lanes: p150 CAF1 Rabbit mAb at 1/1k dilution

Lane 1 : K562 whole cell lysates
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 107 kDa
Observed band size: 150 kDa

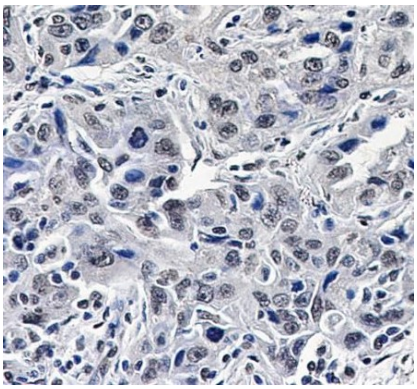
Exposure time: 5 seconds



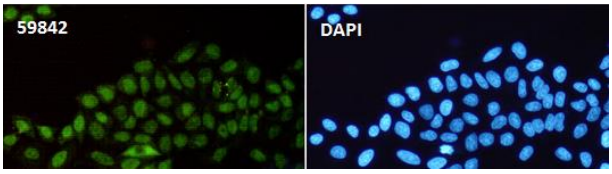
All lanes:p150 CAF1 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type Hela cell lysate
Lane 2 :p150 CAF1 Rabbit mAb knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human lung cancer tissue stained for p150 CAF1 using 59842 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence p150 CAF1 antibody (59842) ICC/IF staining of p150 CAF1 in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59842 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

Core component of the CAF-1 complex, a complex thought to mediate chromatin assembly in DNA replication and DNA repair. Assembles histone octamers onto replicating DNA in vitro. CAF-1 performs the first step of the nucleosome assembly process, bringing newly synthesized histones H3 and H4 to replicating DNA; histones H2A/H2B can bind to this chromatin precursor subsequent to DNA replication to complete the histone octamer.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.