Product Datasheet

UIMC1 antibody

Catalog No: #39191

Package Size: #39191-1 50ul #39191-2 100ul

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

Description

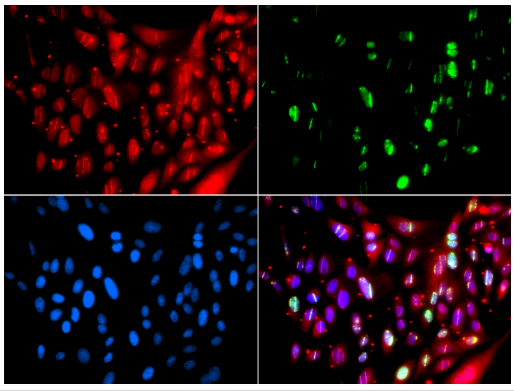
Product Name	UIMC1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total UIMC1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human UIMC1.
Target Name	UIMC1
Other Names	RAP80; X2HRIP110;
Accession No.	Swiss-Prot#: Q96RL1NCBI Gene ID: 51720
SDS-PAGE MW	79kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

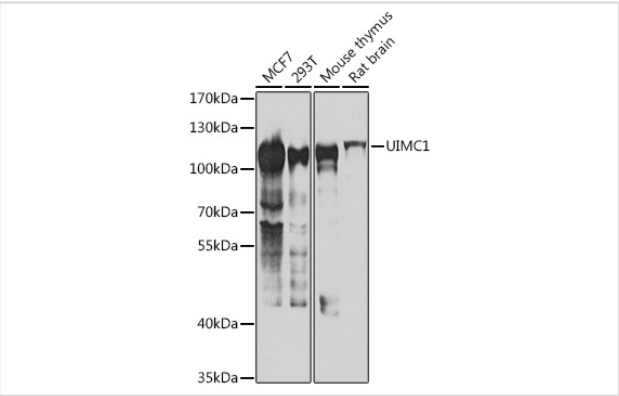
Western blotting: 1:500 - 1:2000

Immunofluorescence: 1:50 - 1:100

Images



Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using UIMC1 antibody. GreenΩ½oΩ½GFP-RNF168 fusion protein expression for DNA damage marker.Blue: DAPI for nuclear staining.RNF168(GFP) can be used to mark cells damaged by UV-A laser for they always gather around DNA damage region.



Western blot analysis of extracts of various cell lines, using UIMC1 antibody at 1:1000 dilution.

Background

Ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. Plays a central role in the BRCA1-A complex by specifically binding 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs). The BRCA1-A complex also possesses deubiquitinase activity that specifically removes 'Lys-63'-linked ubiquitin on histones H2A and H2AX.

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