

## Anti-USP51 Antibody (Center)

Catalog Number: A13844-1

### About USP51

This gene is a type II classical cadherin from the cadherin superfamily and one of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Since disturbance of intracellular adhesion is a prerequisite for invasion and metastasis of tumor cells, cadherins are considered prime candidates for tumor suppressor genes.

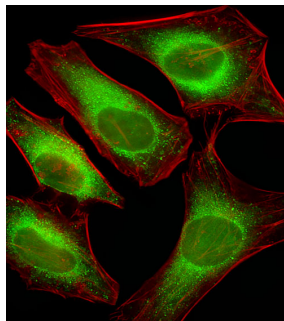
### Overview

Product Name	Anti-USP51 Antibody (Center)
Reactive Species	Human
Description	Boster Bio Anti-USP51 Antibody (Center) (Catalog # A13844-1). Tested in WB, IF application(s). This antibody reacts with Human.
Application	IF, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q70EK9

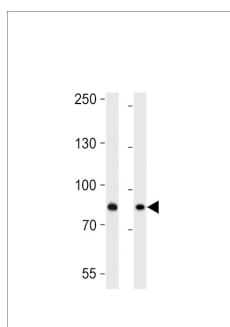
### Technical Details

Immunogen	This USP51 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 278-307 amino acids from the Central region of human USP51.
Predicted Reactive Species	Mouse, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	IF: 1:25 WB: 1:1000

## Anti-USP51 Antibody (Center) (A13844-1) Images



Fluorescent image of HeLa cells stained with USP51 Antibody (Center). A13844-1 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



USP51 Antibody (Center) western blot analysis in HepG2, MCF-7 cell line lysates (35ug/lane). This demonstrates the USP51 antibody detected the USP51 protein (arrow).

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