

Anti-USP47 Antibody (Center)

Catalog Number: M07648

About USP47

Ubiquitin-specific protease that specifically deubiquitinates monoubiquitinated DNA polymerase beta (POLB), stabilizing POLB thereby playing a role in base-excision repair (BER). Acts as a regulator of cell growth and genome integrity. May also indirectly regulates CDC25A expression at a transcriptional level.

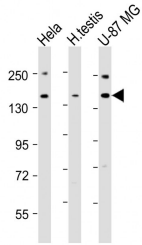
Overview

Product Name	Anti-USP47 Antibody (Center)
Reactive Species	Human
Description	Boster Bio Anti-USP47 Antibody (Center) (Catalog # M07648). Tested in WB, IHC-P application(s). This antibody reacts with Human.
Application	IHC-P, 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	Q96K76

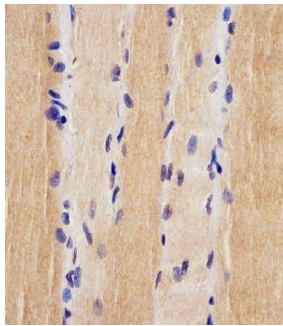
Technical Details

Immunogen	This USP47 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 588-620 amino acids from the Central region of human USP47.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 IHC-P: 1:25

Anti-USP47 Antibody (Center) (M07648) Images



All lanes : Anti-USP47 Antibody (Center) at 1:2000 dilution
Lane 1: HeLa whole cell lysates
Lane 2: human testis lysates
Lane 3: U-87 MG whole cell lysates
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 157 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



M07648 staining USP47 in human skeletal muscle tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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