

Datasheet for ABIN6242880
anti-USP47 antibody (AA 588-620)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	USP47
Binding Specificity:	AA 588-620
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP47 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Clone:	RB53787
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	USP47
Alternative Name:	USP47 (USP47 Products)
Background:	Ubiquitin-specific protease that specifically deubiquitinates monoubiquitinated DNA

Target Details

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.

Molecular Weight: 157311

UniProt: [Q96K76](#)

Pathways: [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: WB: 1:2000. IHC-P: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

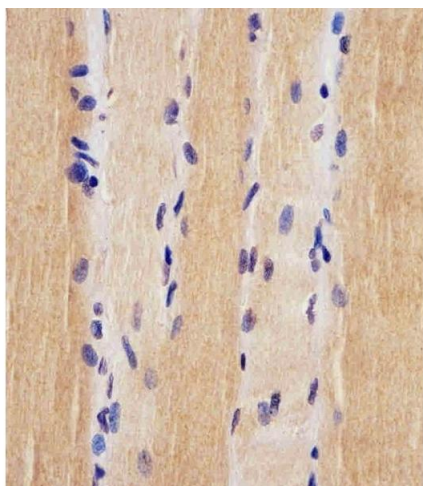
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

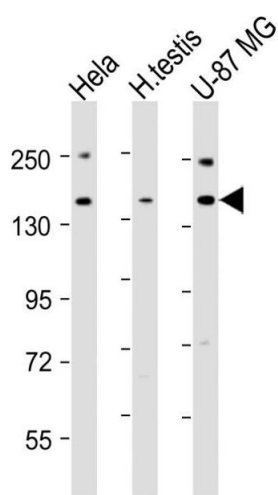
Expiry Date: 6 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6242880 and ABIN6578225) 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 (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted



biotinylated goat polyvalent antibody was used as the secondary antibody.

Western Blotting

Image 2. 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.