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Datasheet for ABIN1538806

anti-USP27X antibody (AA 1-30)

3 Images

1 Publication

Overview

Quantity:	400 µL
Target:	USP27X
Binding Specificity:	AA 1-30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP27X antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This USP27X antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids of human USP27X.
Clone:	RB30377
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	USP27X
Alternative Name:	USP27X (USP27X Products)
Molecular Weight:	49630

Target Details

Gene ID: 389856

NCBI Accession: [NP_001138545](#)

UniProt: [A6NNY8](#)

Application Details

Application Notes: IF: 1:25. WB: 1:1000. WB: 1:2000

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.

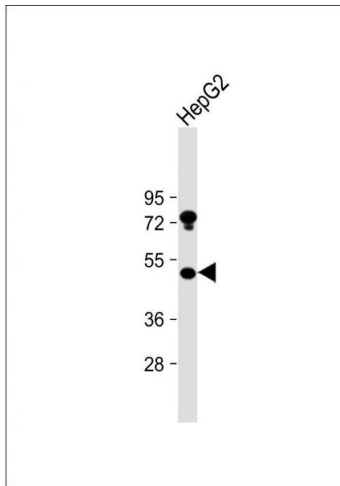
Storage: 4 °C,-20 °C

Storage Comment: USP27X Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months

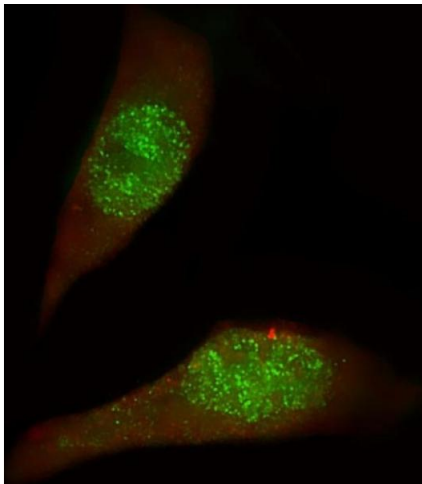
Publications

Product cited in: Weber, Heinlein, Dengjel, Alber, Singh, Häcker: "The deubiquitinase Usp27x stabilizes the BH3-only protein Bim and enhances apoptosis." in: **EMBO reports**, Vol. 17, Issue 5, pp. 724-38, (2017) ([PubMed](#)).



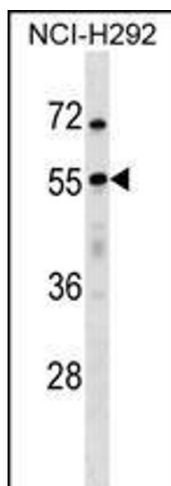
Western Blotting

Image 1. Anti-USP27X Antibody (N-term) at 1:2000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Immunofluorescence

Image 2. Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized HeLa cells labeling USP27X with (ABIN1538806 and ABIN2848554) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Nucleus and Weak Cytoplasm staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin(red). The nuclear counter stain is DI (blue).



Western Blotting

Image 3. USP27X Antibody (N-term) (ABIN1538806 and ABIN2848554) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the USP27X antibody detected the USP27X protein (arrow).