

## DATASHEET

# USP27X Rabbit Polyclonal Antibody

CAT. NO. APA18214

### KEY FEATURES

Target	USP27X	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

### BACKGROUND

Deubiquitinase involved in innate antiviral immunity by mediating deubiquitination of CGAS and RIGI . Negatively regulates RIGI by mediating 'Lys-63'-linked deubiquitination of RIGI, inhibiting type I interferon signaling . Also regulates 'Lys-63'-linked ubiquitination level of MDA5/IFIH1 . Acts as a positive regulator of the cGAS-STING pathway by catalyzing 'Lys-48'-linked deubiquitination of CGAS, thereby promoting its stabilization . Can reduce the levels of BCL2L11/BIM ubiquitination and stabilize BCL2L11 in response to the RAF-MAPK-degradation signal . By acting on BCL2L11 levels, may counteract the anti-apoptotic effects of MAPK activity .

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
----	----------------

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

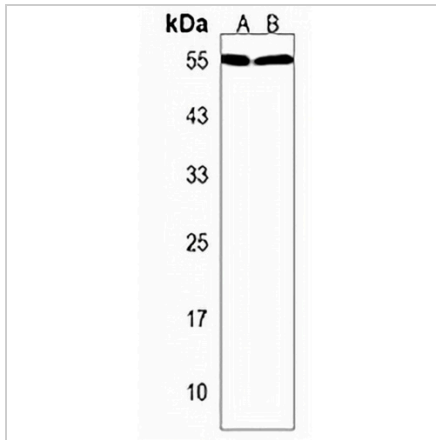
Description	Rabbit polyclonal antibody to USP27X
Specificity	Recognizes endogenous levels of USP27X protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human USP27X. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 49 kD; Observed: 55 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	USP22L; USP27; Ubiquitin carboxyl-terminal hydrolase 27; Deubiquitinating enzyme 27; Ubiquitin carboxyl-terminal hydrolase 22-like; Ubiquitin thioesterase 27; Ubiquitin-specific-processing protease 27; X-linked ubiquitin carboxyl-terminal hydrolase 27
Gene Symbol	USP27X
Entrez Gene	389856(Human)
SwissProt	A6NNY8(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET****USP27X Rabbit Polyclonal Antibody**

CAT. NO. APA18214

**DATA**

Western blot analysis of USP27X expression in mouse cerebellum (A), rat brain (B) whole cell lysates. (Predicted band size: 49 kD; Observed band size: 55 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.