

Datasheet for ABIN2787647
anti-USP22 antibody (Middle Region)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	USP22
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Guinea Pig, Horse, Cow, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP22 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human USP22
Sequence:	PSSCLVCEMS SLFQEFYSGH RSPHIPYKLL HLVWTHARHL AGYEQQDAHE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against USP22. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	USP22
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Target Details

Alternative Name:	USP22 (USP22 Products)
Background:	<p>USP22 is a subunit of the SAGA transcriptional cofactor complex. It deubiquitylates histone H2B and is recruited to specific genes by activators like Myc. USP22 is needed for cell cycle progression. It deubiquitylates histone H2A in addition to H2B. Altered mRNA expression is associated with therapy failure and death in patients multiple types of cancer.</p> <p>Alias Symbols: KIAA1063, USP3L</p> <p>Protein Interaction Partner: UBC, AASDHPPT, STAT3, TAF10, TADA2A, ATXN7, MYC, KAT2A, TRRAP, TAF9B, HIST1H2BD, TADA3, SUMO1, NFATC2, SIRT1, ATXN7L3, FUBP1, HIST2H2BE, HIST2H2AC, MRPL44, ATXN7L3B, USP27X, KIF7, KLHL23, ATXN7L2, TADA1, CCDC101, TADA2B, ENY2, SUPT20H, TAF5L, SND1, CNOT10</p> <p>Protein Size: 525</p>
Molecular Weight:	60 kDa
Gene ID:	23326
NCBI Accession:	NM_015276 , NP_056091
UniProt:	Q9UPT9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 525 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Validation report #100106 for Western Blotting (WB)



Western Blotting

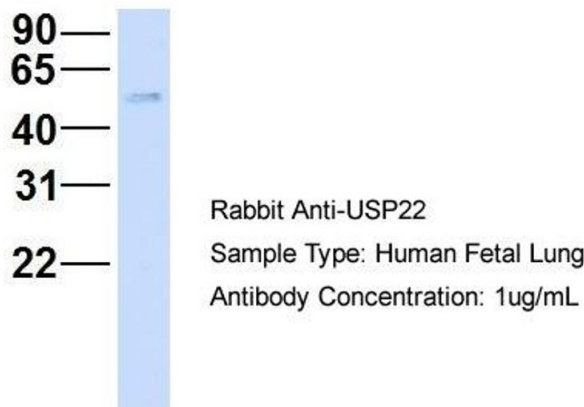
Image 1. WB Suggested Anti-USP22 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: Human heart

USP22



Western Blotting

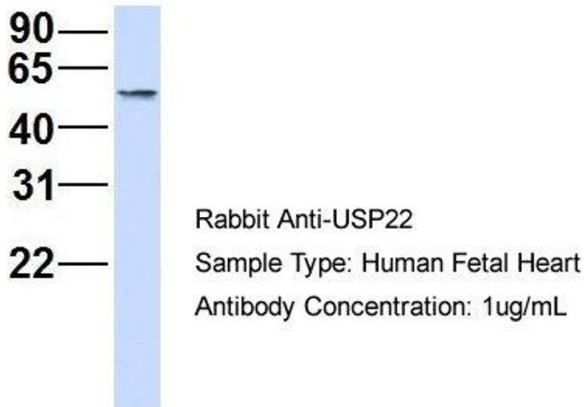
Image 2. Host: Rabbit

Target Name: USP22

Sample Tissue: Human Fetal Lung

Antibody Dilution: 1.0 µg/mL

USP22



Western Blotting

Image 3. Host: Rabbit

Target Name: USP22

Sample Tissue: Human Fetal Heart

Antibody Dilution: 1.0 µg/mL

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2787647.