

## ARG44366 anti-USP53 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes USP53
Tested Reactivity	Hu
Tested Application	ICC/IF
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	USP53
Species	Human
Immunogen	Human USP53 recombinant protein (a.a. sequence: 495-582).
Conjugation	Un-conjugated
Alternate Names	USP53; Ubiquitin Specific Peptidase 53; KIAA1350; Inactive Ubiquitin Carboxyl-Terminal Hydrolase 53; Inactive Ubiquitin-Specific Peptidase 53; Ubiquitin Specific Protease 53; Ubiquitin Specific Proteinase 53; PFIC7

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

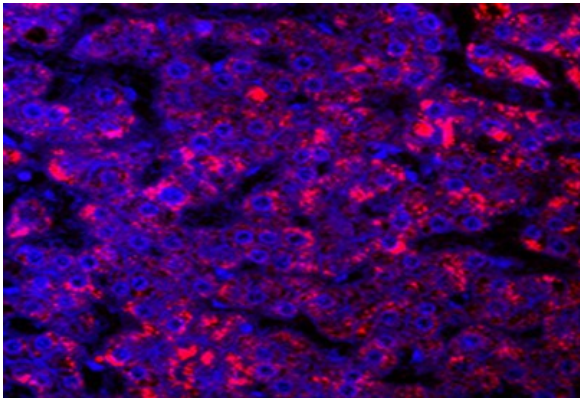
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.05% Proclin300 and 50% Glycerol.
Preservative	0.05% Proclin300
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

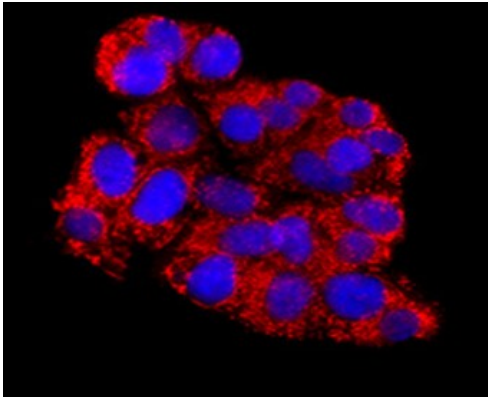
Gene Symbol	USP53
Gene Full Name	Ubiquitin Specific Peptidase 53
Background	Predicted to enable thiol-dependent deubiquitinase. Predicted to be involved in response to auditory stimulus and sensory perception of sound. Predicted to act upstream of or within action potential and neuron apoptotic process. Predicted to be located in bicellular tight junction. Predicted to be active in cell-cell junction.
Function	Tight junction-associated protein that is involved in the survival of auditory hair cells and hearing. Maybe by modulating the barrier properties and mechanical stability of tight junctions. Has no peptidase activity.
Calculated Mw	121 kDa
Cellular Localization	Cell junction, Tight junction

### Images



ARG44366 anti-USP53 antibody IHC-P image

Immunofluorescence: Human liver cancer stained with ARG44366 anti-USP53 antibody at 1:150 dilution.



ARG44366 anti-USP53 antibody ICC/IF image

Immunofluorescence: HepG2 stained with ARG44366 anti-USP53 antibody at 1:150 dilution.



ARG44366 anti-USP53 antibody WB image

Western blot: Mouse placenta stained with ARG44366 anti-USP53 antibody at 1:1000 dilution.