

ARG64630 anti-USP28 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes USP28
Tested Reactivity	Hu
Predict Reactivity	Cow
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	USP28
Species	Human
Immunogen	C-SVELKHYIQEDN
Conjugation	Un-conjugated
Alternate Names	Ubiquitin carboxyl-terminal hydrolase 28; Ubiquitin-specific-processing protease 28; Deubiquitinating enzyme 28; EC 3.4.19.12; Ubiquitin thioesterase 28

Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 4 µg/ml

Application Note
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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

Database links [GeneID: 57646 Human](#)

[Swiss-port # Q96RU2 Human](#)

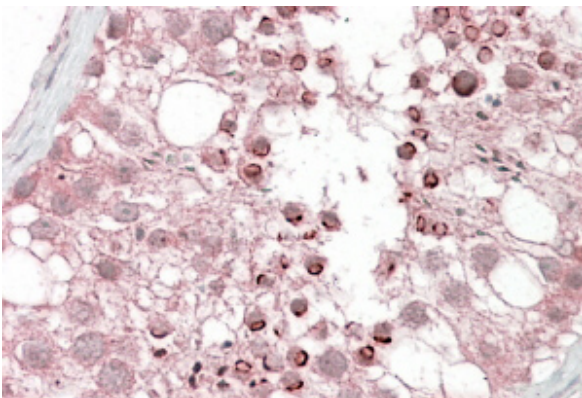
Background The ubiquitin-dependent protein degradation pathway is essential for proteolysis of intracellular proteins and peptides. Enzymes that remove ubiquitin from ubiquitin-conjugated peptides, like USP28, affect the fate and degradation of intracellular proteins and are essential for maintenance of cell-free ubiquitin pools (Valero et al., 2001).[supplied by OMIM, Mar 2008]

Research Area Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Gene Regulation antibody

Calculated Mw 122 kDa

PTM Degradaded upon nickel ion level or hypoxia exposure.
Phosphorylated upon DNA damage at Ser-67 and Ser-714, by ATM or ATR (PubMed:16901786).
Phosphorylated by PRKD1 (PubMed:24623306).

Images



ARG64630 anti-USP28 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Testis. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64630 anti-USP28 antibody at 3.8 µg/ml dilution followed by AP-staining.