

ARG41631 anti-USP11 / UHX1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes USP11 / UHX1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	USP11 / UHX1
Species	Human
Immunogen	Synthetic peptide of Human USP11 / UHX1.
Conjugation	Un-conjugated
Alternate Names	UHX1; Deubiquitinating enzyme 11; Ubiquitin thioesterase 11; Ubiquitin carboxyl-terminal hydrolase 11; Ubiquitin-specific-processing protease 11; EC 3.4.19.12

Application Instructions

Application table	Application	Dilution
	FACS	1:200
	IP	1:100
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse testis	
Observed Size	~ 110 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
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.

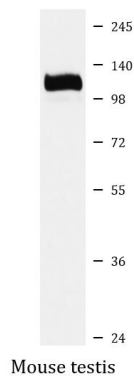
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	USP11
Gene Full Name	ubiquitin specific peptidase 11
Background	Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. This gene encodes a deubiquitinating enzyme which lies in a gene cluster on chromosome Xp11.23 [provided by RefSeq, Jul 2008]
Function	Protease that can remove conjugated ubiquitin from target proteins and polyubiquitin chains. Inhibits the degradation of target proteins by the proteasome. Plays a role in the regulation of pathways leading to NF-kappa-B activation. Plays a role in the regulation of DNA repair after double-stranded DNA breaks. [UniProt]
Calculated Mw	110 kDa
Cellular Localization	Nucleus. Cytoplasm. Chromosome. Note=Predominantly nuclear (PubMed:12084015, PubMed:15314155). Associates with chromatin (PubMed:20601937, PubMed:20233726). [UniProt]

Images



ARG41631 anti-USP11 / UHX1 antibody WB image

Western blot: Mouse testis lysate stained with ARG41631 anti-USP11 / UHX1 antibody.