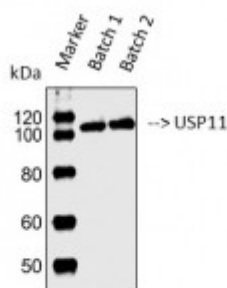


Anti-USP11 antibody



Western Blot (WB) analysis of 293 cell lysates using USP11 antibody (STJ96193) from 2 batches.

Description

USP11 is a protein encoded by the USP11 gene which is approximately 109,8 kDa. USP11 is localised to the nucleus and cytoplasm. It is involved in chaperonin-mediated protein folding, deubiquitination, metabolism of proteins and ubiquitin-proteasome dependent proteolysis. It is a protein ubiquitination that controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This process is dynamic and involves ubiquitin conjugating enzymes and deubiquitinating enzymes that add and remove ubiquitin. USP11 is expressed in the nervous system, eye, liver, muscle and lung. STJ96193 was affinity purified. This polyclonal antibody binds endogenous USP11.

Model	STJ96193
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human USP11.
Immunogen Region	Internal
Gene ID	8237
Gene Symbol	USP11
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	USP11 Polyclonal Antibody detects endogenous levels of USP11 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Note	For Research Use Only (RUO).
Protein Name	Ubiquitin carboxyl-terminal hydrolase 11 Deubiquitinating enzyme 11 Ubiquitin thioesterase 11 Ubiquitin-specific-processing protease 11
Molecular Weight	105 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12609OMIM:300050
Alternative Names	Ubiquitin carboxyl-terminal hydrolase 11 Deubiquitinating enzyme 11 Ubiquitin thioesterase 11 Ubiquitin-specific-processing protease 11
Function	Protease that can remove conjugated ubiquitin from target proteins and polyubiquitin chains . Inhibits the degradation of target proteins by the proteasome . Cleaves preferentially 'Lys-6' and 'Lys-63'-linked ubiquitin chains. Has lower activity with 'Lys-11' and 'Lys-33'-linked ubiquitin chains, and extremely low activity with 'Lys-27', 'Lys-29' and 'Lys-48'-linked ubiquitin chains (in vitro) . 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 . Acts as a chromatin regulator via its association with the Polycomb group (PcG) multiprotein PRC1-like complex; may act by deubiquitinating components of the PRC1-like complex .
Cellular Localization	Nucleus Cytoplasm Chromosome. Predominantly nuclear . Associates with chromatin .