



USP11 Polyclonal Antibody

Cat #: ABP53402

Size: 30µl /100µl /200µl

Product Information

	Product Name: USP11 Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP53402	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: USP11 (Ubiquitin Specific Peptidase 11) is a Protein Coding gene. Among its related pathways are Transport to the Golgi and subsequent modification and Chaperonin-mediated protein folding. GO annotations related to this gene include cysteine-type endopeptidase activity and thiol-dependent ubiquitinyl hydrolase activity. An important paralog of this gene is USP4, rotease that can remove conjugated ubiquitin from target proteins and polyubiquitin chains (PubMed: 12084015, PubMed: 15314155, PubMed: 17897950, PubMed: 19874889, PubMed: 20233726, PubMed: 24724799). Inhibits the degradation of target proteins by the proteasome (PubMed: 12084015). 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) (PubMed: 24724799). Plays a role in the regulation of pathways leading to NF-kappa-B activation (PubMed: 17897950, PubMed: 19874889). Plays a role in the regulation of DNA repair after double-stranded DNA breaks (PubMed: 15314155, PubMed: 20233726).

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

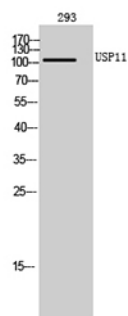


Fig. Western Blot analysis of 293 cells using USP11 Polyclonal Antibody. Secondary antibody (catalog#: A21020) was diluted at 1:20000.

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.