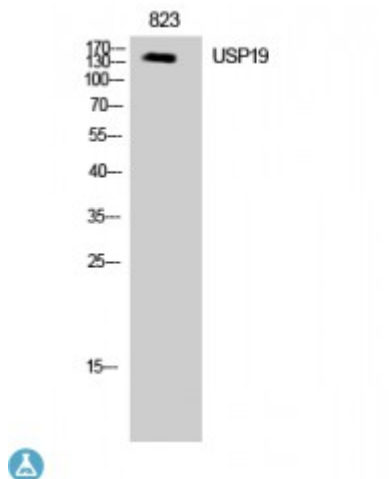


Anti-USP19 antibody



Description	Rabbit polyclonal to USP19.
Model	STJ96197
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human USP19
Immunogen Region	360-440 aa, Internal
Gene ID	10869
Gene Symbol	USP19
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	USP19 Polyclonal Antibody detects endogenous levels of USP19 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 19 Deubiquitinating enzyme 19 Ubiquitin thioesterase 19 Ubiquitin-specific-processing protease 19 Zinc finger MYND domain-containing protein 9
Molecular Weight	130 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:12617OMIM:614471
Alternative Names	Ubiquitin carboxyl-terminal hydrolase 19 Deubiquitinating enzyme 19 Ubiquitin thioesterase 19 Ubiquitin-specific-processing protease 19 Zinc finger MYND domain-containing protein 9
Function	Deubiquitinating enzyme that regulates the degradation of various proteins. Deubiquitinates and prevents proteasomal degradation of RNF123 which in turn stimulates CDKN1B ubiquitin-dependent degradation thereby playing a role in cell proliferation. Involved in decreased protein synthesis in atrophying skeletal muscle. Modulates transcription of major myofibrillar proteins. Also involved in turnover of endoplasmic-reticulum-associated degradation (ERAD) substrates. Regulates the stability of BIRC2/c-IAP1 and BIRC3/c-IAP2 by preventing their ubiquitination. Required for cells to mount an appropriate response to hypoxia and rescues HIF1A from degradation in a non-catalytic manner. Plays an important role in 17 beta-estradiol (E2)-inhibited myogenesis. Decreases the levels of ubiquitinated proteins during skeletal muscle formation and acts to repress myogenesis. Exhibits a preference towards 'Lys-63'-linked Ubiquitin chains.
Cellular Localization	Endoplasmic reticulum membrane