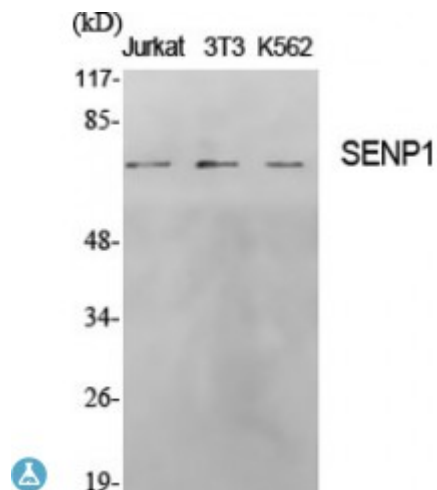


Anti-SENP1 antibody



Description	Rabbit polyclonal to SENP1.
Model	STJ95601
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human SENP1
Immunogen Region	1-80 aa, N-terminal
Gene ID	29843
Gene Symbol	SENP1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	SENP1 Polyclonal Antibody detects endogenous levels of SENP1 protein.
Tissue Specificity	Highly expressed in testis. Expressed at lower levels in thymus, pancreas, spleen, liver, ovary and small intestine.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Sentrin-specific protease 1 Sentrin/SUMO-specific protease SENP1
Molecular Weight	73 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:17927OMIM:612157
Alternative Names	Sentrin-specific protease 1 Sentrin/SUMO-specific protease SENP1
Function	Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO1, SUMO2 and SUMO3 to their mature forms and deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins. Deconjugates SUMO1 from HIPK2. Deconjugates SUMO1 from HDAC1 and BHLHE40/DEC1, which decreases its transcriptional repression activity. Deconjugates SUMO1 from CLOCK, which decreases its transcriptional activation activity. Deconjugates SUMO2 from MTA1. Desumoylates CCAR2 which decreases its interaction with SIRT1 .
Cellular Localization	Nucleus Cytoplasm. Shuttles between cytoplasm and nucleus.

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