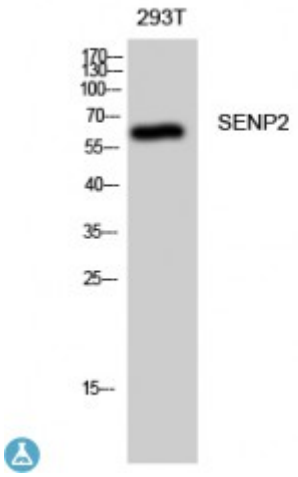
Anti-SENP2 antibody



Description	Rabbit polyclonal to SENP2.

Model	STJ95602
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human SENP2
Immunogen Region	450-530 aa, C-terminal
Gene ID	59343
Gene Symbol	SENP2
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	SENP2 Polyclonal Antibody detects endogenous levels of SENP2 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	Sentrin-specific protease 2 Axam2 SMT3-specific isopeptidase 2 Smt3ip2 Sentrin/SUMO-specific protease SENP2
Molecular Weight	68 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:23116OMIM:608261
Alternative Names	Sentrin-specific protease 2 Axam2 SMT3-specific isopeptidase 2 Smt3ip2 Sentrin/SUMO-specific protease SENP2
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. May down-regulate CTNNB1 levels and thereby modulate the Wnt pathway. Deconjugates SUMO2 from MTA1. Plays a dynamic role in adipogenesis by desumoylating and promoting the stabilization of CEBPB .
Sequence and Domain Family	The N-terminus is necessary and sufficient for nuclear envelope targeting.
Cellular Localization	Nucleus, nuclear pore complex Nucleus membrane Cytoplasm. Shuttles between cytoplasm and nucleus.
Post-translational Modifications	Polyubiquitinated; which leads to proteasomal degradation.