

SEN5 Polyclonal Antibody

Catalog # AP72422

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q96HI0
Reactivity	Human, Mouse, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86693

Additional Information

Gene ID	205564
Other Names	SEN5; FKSG45; Sentrin-specific protease 5; Sentrin/SUMO-specific protease SEN5
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

Name	SEN5
Function	Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO3 to its mature form and deconjugation of SUMO2 and SUMO3 from targeted proteins. Has weak proteolytic activity against full-length SUMO1 or SUMO1 conjugates. Required for cell division.
Cellular Location	Nucleus, nucleolus

Background

Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO3 to its mature form and deconjugation of SUMO2 and SUMO3 from targeted proteins. Has weak proteolytic activity against full-length SUMO1 or SUMO1 conjugates. Required for cell division.

Images



Western Blot analysis of various cells using SENP5
Polyclonal Antibody cells nucleus extracted by Minute TM
Cytoplasmic and Nuclear Fractionation kit
(SC-003, Inventbiotech, MN, USA).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.