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Anti-SENP5 Antibody

Catalog # AP59902

Product Information

Application	WB, IHC
Primary Accession	Q96HI0
Reactivity	Human, Rat, Pig, Bovine, Dog, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86693

Additional Information

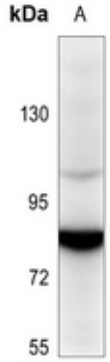
Gene ID	205564
Other Names	Sentrin-specific protease 5; Sentrin/SUMO-specific protease SENP5
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SENP5. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

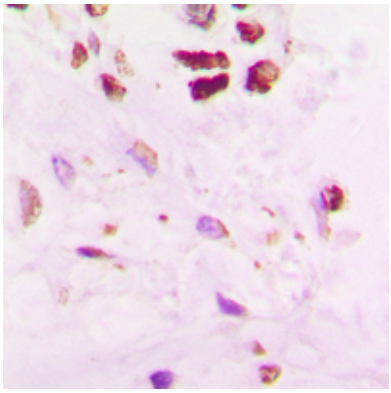
Protein Information

Name	SENP5
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

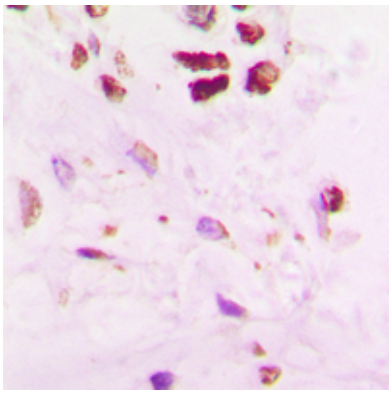
Images

Western blot analysis of SENP5 expression in Hela (A) whole cell lysates. (Predicted band size: 86 kD; Observed band size: 87 kD)





Immunohistochemical analysis of SENP5 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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