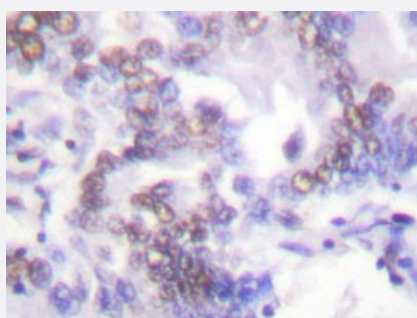


SENP6 polyclonal antibody

Catalog # PAB24830 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using SENP6 polyclonal antibody (Cat # PAB24830).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SENP6.
Immunogen	A synthetic peptide corresponding to SENP6.
Host	Rabbit
Reactivity	Human
Specificity	SENP6 polyclonal antibody detects endogenous levels of SENP6 protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1x PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using SENP6 polyclonal antibody (Cat # PAB24830).

Gene Info — SENP6

Entrez GeneID[26054](#)**Gene Name**

SENP6

Gene Alias

FLJ11355, FLJ11887, KIAA0389, KIAA0797, SSP1, SUSP1

Gene Description

SUMO1/sentrin specific peptidase 6

Omim ID[605003](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Ubiquitin-like molecules (UBLs), such as SUMO1 (UBL1; MIM 601912), are structurally related to ubiquitin (MIM 191339) and can be ligated to target proteins in a similar manner as ubiquitin. However, covalent attachment of UBLs does not result in degradation of the modified proteins. SUMO1 modification is implicated in the targeting of RANGAP1 (MIM 602362) to the nuclear pore complex, as well as in stabilization of I-kappa-B-alpha (NFKBIA; MIM 164008) from degradation by the 26S proteasome. Like ubiquitin, UBLs are synthesized as precursor proteins, with 1 or more amino acids following the C-terminal glycine-glycine residues of the mature UBL protein. Thus, the tail sequences of the UBL precursors need to be removed by UBL-specific proteases, such as SENP6, prior to their conjugation to target proteins (Kim et al., 2000 [PubMed 10799485]). SENPs also display isopeptidase activity for deconjugation of SUMO-conjugated substrates (Lima and Reverter, 2008 [PubMed 18799455]).[supplied by OMIM]

Other Designations

2810017C20Rik|SUMO-1-specific protease|SUMO1/sentrin specific protease 6