

## SENP5 Antibody

Catalog No: #43328

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## Description

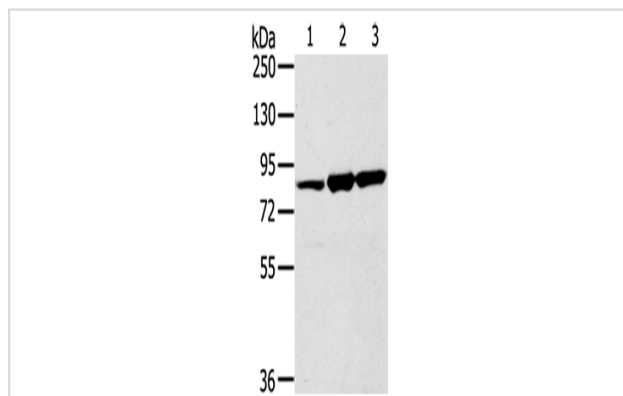
|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Product Name          | SENP5 Antibody                                                        |
| Host Species          | Rabbit                                                                |
| Clonality             | Polyclonal                                                            |
| Purification          | Antigen affinity purification.                                        |
| Applications          | WB                                                                    |
| Species Reactivity    | Hu Ms                                                                 |
| Specificity           | The antibody detects endogenous levels of total SENP5 protein.        |
| Immunogen Type        | protein                                                               |
| Immunogen Description | Fusion protein of human SENP5                                         |
| Target Name           | SENP5                                                                 |
| Other Names           | DKFZp564O1016; FLJ42398; MGC27076; SENP5; Sentrin-specific protease 5 |
| Accession No.         | Swiss-Prot#: Q96HI0 Gene ID: 205564                                   |
| Uniprot               | Q96HI0                                                                |
| GeneID                | 205564;                                                               |
| Calculated MW         | 87kd                                                                  |
| Concentration         | 0.9mg/ml                                                              |
| Formulation           | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.       |
| Storage               | Store at -20°C                                                        |

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 6%SDS-PAGE

Lysate: 40 µg

Lane 1-3: Hela cells, K562 cells, NIH/3T3 cells

Primary antibody: 1/200 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds

## Background

The reversible posttranslational modification of proteins by the addition of small ubiquitin-like SUMO proteins (see SUMO1; MIM 601912) is required

for numerous biologic processes. SUMO-specific proteases, such as SENP5, are responsible for the initial processing of SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also have isopeptidase activity for the removal of SUMO from high molecular mass SUMO conjugates.

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Note: This product is for in vitro research use only