

# SUMO3 Rabbit pAb

Catalog No.: A3099 **1 Publications**

## Basic Information

### Observed MW

19kDa

### Calculated MW

12kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of the small ubiquitin-related modifier (SUMO) family of eukaryotic proteins. The encoded protein is covalently conjugated to other proteins via a post-translation modification known as sumoylation. Sumoylation may play a role in a wide variety of cellular processes, including nuclear transport, DNA replication and repair, mitosis, transcriptional regulation, and signal transduction. Alternatively spliced transcript variants encoding distinct proteins have been described.

## Recommended Dilutions

WB	1:1000 - 1:2000
IHC-P	1:50 - 1:100

## Immunogen Information

### Gene ID

6612

### Swiss Prot

P55854

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SUMO3 (NP\_008867.2).

### Synonyms

SMT3A; Smt3B; SMT3H1; SUMO-3; SUMO3

## Contact

☎	400-999-6126
✉	cn.market@abclonal.com.cn
🌐	www.abclonal.com.cn

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

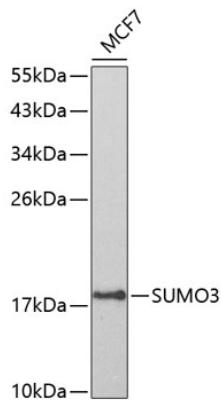
Affinity purification

### Storage

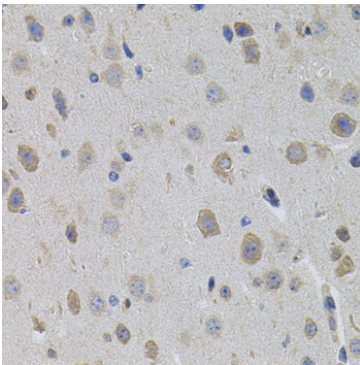
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

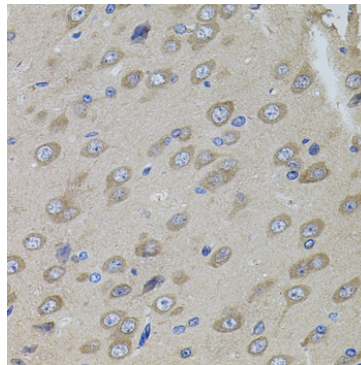
## Validation Data



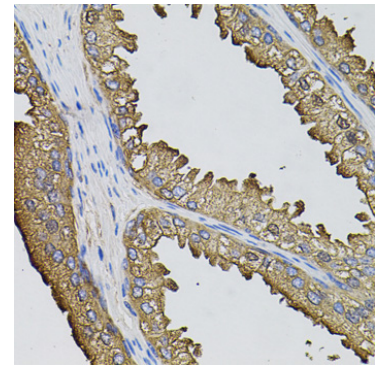
Western blot analysis of lysates from MCF-7 cells, using SUMO3 Rabbit pAb (A3099) at 1:800 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry analysis of paraffin-embedded mouse brain using SUMO3 Rabbit pAb (A3099) (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat brain using SUMO3 Rabbit pAb (A3099) (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human prostate using SUMO3 Rabbit pAb (A3099) (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.