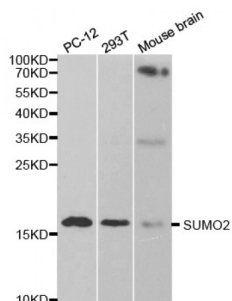


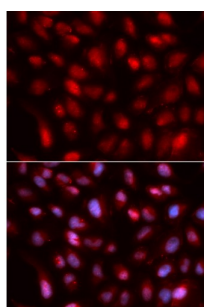
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Small Ubiquitin Related Modifier Protein 2 (SUMO2) Antibody

Catalogue No.: abx002008



Western blot analysis of extracts of various cell lines, using SUMO2 antibody (abx002008) at 1/1000 dilution.



Immunofluorescence analysis of U2OS cells using SUMO2 antibody (abx002008). Blue: DAPI for nuclear staining.

SUMO2 Antibody is a Rabbit Polyclonal antibody against SUMO2. This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Target: SUMO2

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human SUMO2.

Purification: Affinity purified.

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Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 8 kDa/10 kDa Observed MW: 17 kDa
Swiss Prot:	P61956
GeneID:	6613
Gene Symbol:	SUMO2
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.