

SUMO2/3/4 Polyclonal Antibody

Catalog Number:E-AB-12439



Note: Centrifuge before opening to ensure complete recovery of vial contents.

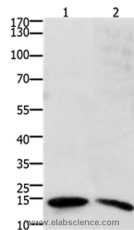
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide of human SUMO2/SUMO3/SUMO4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

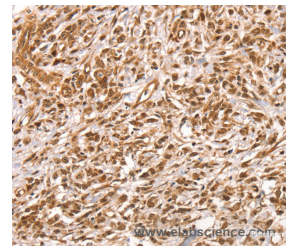
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300

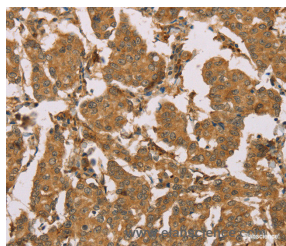
Data



Western Blot analysis of Human ovarian cancer tissue and SKOV3 cell using SUMO2/3/4 Polyclonal Antibody at dilution of 1:800
Observed Mw:Refer to figures
Calculated Mw:12kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using SUMO2/3/4 Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Human thyroid cancer using SUMO2/3/4 Polyclonal Antibody at dilution of 1:100

Preparation & Storage

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

Background

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.

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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.

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