

For Research Use Only

SUMO tag Polyclonal antibody

Catalog Number: 27205-1-AP



Basic Information

Catalog Number:

27205-1-AP

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:2000-1:16000

Size:

150ul, Concentration: 660 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26104

Applications

Tested Applications:

WB, ELISA

Species Specificity:

recombinant protein

Positive Controls:

WB: Recombinant protein,

Background Information

The SUMO tag (Small Ubiquitin-like Modifier) is a small protein approximately 100 amino acids in length (about 11 kDa). It is a member of the ubiquitin-like protein family and shares structural similarity with ubiquitin but has distinct functions. In the field of recombinant protein expression, the SUMO tag has been developed into a useful tool for enhancing protein solubility and expression levels. The SUMO tag is a highly efficient fusion tag with numerous advantages. It plays a significant role in recombinant protein expression, purification, and functional studies. Its applications continue to expand, contributing to advancements in life science research and biotechnology development.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

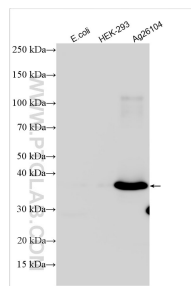
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27205-1-AP (SUMO tag antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.