

For Research Use Only

GEN1 Polyclonal antibody

Catalog Number: 29617-1-AP



Basic Information

| | | |
|---|---|--|
| Catalog Number: 29617-1-AP | GenBank Accession Number: NM_182625 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 400 ug/ml by Nanodrop; | GeneID (NCBI): 348654 | Recommended Dilutions: WB 1:1000-1:4000 |
| Source: Rabbit | UNIPROT ID: Q17RS7 | |
| Isotype: IgG | Full Name: Gen homolog 1, endonuclease (Drosophila) | |
| Immunogen Catalog Number: AG31227 | Calculated MW: 103 kDa | |
| | Observed MW: 110 kDa | |

Applications

| | |
|--|--|
| Tested Applications: WB, ELISA | Positive Controls: WB : HL-60 cells, MCF-7 cells |
| Species Specificity: Human | |

Background Information

GEN1 is a endonuclease which resolves Holliday junctions (HJs) by the introduction of symmetrically related cuts across the junction point, to produce nicked duplex products in which the nicks can be readily ligated. GEN1 efficiently cleaves both single and double HJs contained within large recombination intermediates.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

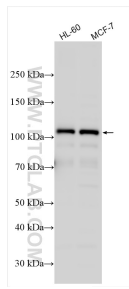
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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 29617-1-AP (GEN1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.