

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: 400 µg/ml	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 an 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

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

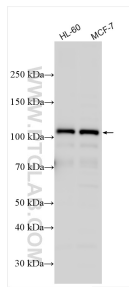
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Selected Validation Data



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.