

For Research Use Only

REV1 Polyclonal antibody

Catalog Number: 17703-1-AP



Basic Information

Catalog Number: 17703-1-AP	GenBank Accession Number: BC037734	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 440 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51455	Recommended Dilutions: WB 1:500-1:2000 IF 1:50-1:500
Source: Rabbit	Full Name: REV1 homolog (S. cerevisiae)	
Isotype: IgG	Calculated MW: 1114 aa, 122 kDa	
Immunogen Catalog Number: AG11975	Observed MW: 140-150 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HeLa cells, IF : U2OS cells,

Background Information

Rev1 is a member of the TLS polymerase family and plays a key role in this mutagenic pathway, which allows the bypass of modified DNA bases and respectively, facilitates proliferation even in the presence of extensive DNA damage, such as during chemotherapy. Mutations in human REV1 have been detected in a minority of tumors, and single-nucleotide polymorphisms (SNPs) in the hREV1 gene have been linked to various types of human cancer.

Storage

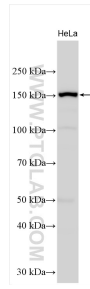
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

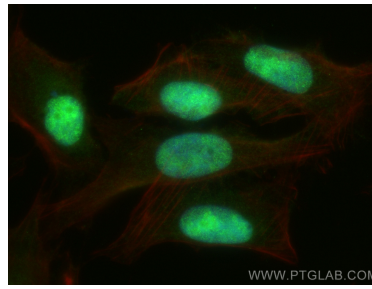
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 17703-1-AP (REV1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using REV1 antibody (17703-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).