

For Research Use Only

XAB2 Polyclonal antibody

Catalog Number: 10637-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 10637-1-AP	GenBank Accession Number: BC007208	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56949	Recommended Dilutions: WB 1:200-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: XPA binding protein 2	
Isotype: IgG	Calculated MW: 100 kDa	
Immunogen Catalog Number: AG0999	Observed MW: 100 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : K-562 cells, HeLa cells
Cited Applications: IF, WB	IP : K-562 cells,
Species Specificity: human	
Cited Species: human	

Background Information

XPA-binding protein 2 (XAB2) a tetratricopeptide repeat protein involved in transcription-coupled DNA repair and transcription. XAB2 is involved in pre-mRNA splicing, transcription, and transcription-coupled DNA repair, leading to preimplantation lethality, and is essential for mouse embryogenesis. It interacts with Cockayne syndrome groups A and B (CSA and CSB) proteins and RNA polymerase II, which are known to be involved in transcription-coupled repair (TCR) and transcription, and that the antibodies against XAB2 protein inhibited the recovery of RNA synthesis after UV irradiation and normal RNA synthesis when microinjected into living fibroblasts.

Notable Publications

Author	Pubmed ID	Journal	Application
Shuai Hou	27735937	Cell Death Dis	WB, IF
Shuai Hou	31216022	Nucleic Acids Res	WB
Lei Haixin H	23275560	Nucleic Acids Res	WB

Storage

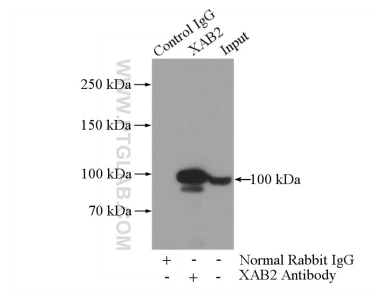
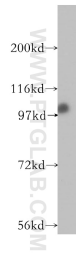
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 10637-1-AP (XAB2 antibody) at dilution of 1:0 incubated at room temperature for 1.5 hours.

IP Result of anti-XAB2 (IP:10637-1-AP, 4ug; Detection:10637-1-AP 1:200) with K-562 cells lysate 3200ug.