

XAB2 Polyclonal Antibody

Catalog number: 10637-1-AP

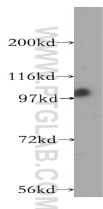
Size: 32 µg/150 µl

Source: Rabbit

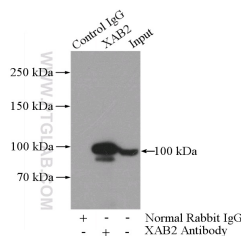
Isotype: IgG

Synonyms:

XAB2; DKFZp762C1015, HCNP, HCRN, KIAA1177, NTC90, Pre mRNA splicing factor SYF1, Protein HCNP, SYF1, XAB2, XPA binding protein 2



K-562 cells were subjected to SDS PAGE followed by western blot with 10637-1-AP(XAB2 antibody) at dilution of 1:0



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

Background

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.

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated XAB2 MW:	100 kDa
Observed XAB2 MW:	100 kDa
Positive WB detected in	K-562 cells, HeLa cells
Positive IP detected in	K-562 cells
Recommended dilution:	WB: 1:200-1:1000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0999
GenBank accession number:	BC007208
Gene ID (NCBI):	56949
Full name:	XPA binding protein 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.