bs-6080R

[Primary Antibody]

Bioss ANTIBODIES

XAB2 Rabbit pAb

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

- DATASHEET -

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GenelD: 56949 SWISS: Q9HCS7

Target: XAB2

Immunogen: KLH conjugated synthetic peptide derived from human PBP/HCNP:

65-160/855.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: XAB2 protein (XPA binding protein 2) was first identified through its interaction with XPA, a key factor in nucleotide excision repair

pathways. XAB2 therefore appears to be involved in transcription coupled DNA repair and transcription. Immunoprecipitation experiments have also demonstrated that a fraction of XAB2 interacts with the transcription coupled repair specific proteins CSA and CSB as well as with RNA polymerase II. Microinjection experiments with XAB2 antibodies resulted in the inhibition of both

transcription coupled repair and transcription.

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse,

Rat, Pig, Cow, Dog, Horse)

Predicted MW.: 100 kDa

Subcellular Location: Nucleus

SELECTED CITATIONS —

- [IF=4.966] Shuiming Guo. et al. Pre ischemic renal lavage protects against renal ischemia reperfusion injury by attenuation of local and systemic inflammatory responses. Faseb J. 2020 Dec;34(12):16307-16318 WB;Rat. 33089923
- [IF=4.7] Xiaofen Li. et al.Aristolochic acid I abnormally activates the wnt7b/β-catenin signaling pathway and affects the repair of renal tubules.chemico-biological interactions.2025 Feb 25:408:111413. IHC; Mouse. 39921188
- [IF=2.5] Xin Wang. et al. Anwulignan alleviates IRI by the activation of Nrf2/HO-1 signaling pathway and inhibiting NLRP3-caspase-1-GSDMD-mediated pyroptosis in rats. TISSUE CELL. 2025 Apr;93:102775 IF,WB;Rat. 39923645