

bs-6080R**[Primary Antibody]****XAB2 Rabbit pAb****Bioss**
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 56949	SWISS: Q9HCS7	IHC-F (1:100-500)
Target: XAB2		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human PBP/HCNP: 65-160/855.		ELISA (1:5000-10000)
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow, Dog, Horse)
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.		Predicted MW.: 100 kDa
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.		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