

**bs-3891R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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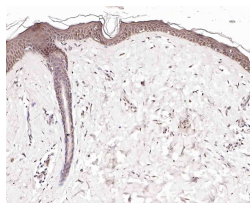
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**NOXA2 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500)
<b>Clonality:</b> Polyclonal		<b>IHC-F</b> (1:100-500)
<b>GeneID:</b> 4688	<b>SWISS:</b> P19878	<b>IF</b> (1:100-500)
<b>Target:</b> NOXA2		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Cow, Chicken, Dog, Horse)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human NOXA2: 101-200/526.		<b>Predicted MW.:</b> 58 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> This gene encodes neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in this gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq].		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (human skin); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (NOXA2) Polyclonal Antibody, Unconjugated (bs-3891R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (NOXA2) Polyclonal Antibody, Unconjugated (bs-3891R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=8.401]** Mr. Aleksandr Vendrov. et al. Renal NOXA1/NOX1 Signaling Regulates Epithelial Sodium Channel and Sodium Retention in Angiotensin II-induced Hypertension. 2021 Oct 29 IF,IHC ;Mouse. 34714114
- **[IF=7.126]** Vendrov AE et al.NOXA1-dependent NADPH oxidase regulates redox signaling and phenotype of vascular smooth muscle cell during atherogenesis.Redox Biol. (2018) Redox Biol. 21:101063. IF ;Mouse. 30576919