

**bs-6335R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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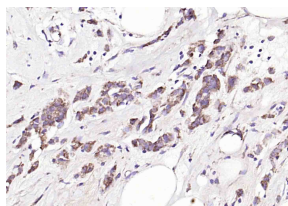
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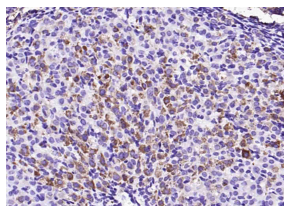
400-901-9800

**ALOX15B 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> 247	<b>SWISS:</b> O15296	<b>IF</b> (1:100-500)
<b>Target:</b> ALOX15B		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Horse)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ALOX15B/15 Lipoxygenase 2: 13-110/676.		<b>Predicted MW.:</b> 74 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Cytoplasm
<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> Converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while linoleic acid is less well metabolized. Tissue specificity: Expressed in hair, prostate, lung and cornea.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); 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; Antibody incubation with (ALOX15B) Polyclonal Antibody, Unconjugated (bs-6335R) 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 ovary); 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; Antibody incubation with (ALOX15B) Polyclonal Antibody, Unconjugated (bs-6335R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=5.502]** Xurui Li. et al. p53 activates the lipoxygenase activity of ALOX15B via inhibiting SLC7A11 to induce ferroptosis in bladder cancer cells. LAB INVEST. 2023 Jan;;100058 IHC ;Human. 10.1016/j.labinv.2022.100058