

**bs-20026R**

**[ Primary Antibody ]**

## **ALOX15B Rabbit pAb**



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### **— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Cow)  <b>Predicted MW.:</b> 76 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 247	<b>SWISS:</b> O15296	
<b>Target:</b> ALOX15B		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human 15 Lipoxygenase 2: 221-320/676.		
<b>Purification:</b> affinity purified by Protein A		
<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.		

### **— SELECTED CITATIONS —**

- **[IF=2.991]** Yang L et al. 15-Lipoxygenase-2/15(S)-hydroxyeicosatetraenoic acid regulates cell proliferation and metastasis via the STAT3 pathway in lung adenocarcinoma. Prostaglandins Other Lipid Mediat. 2018 Sep;138:31-40. WB,IHC ;Human. 30110652