

bs-20026R

[Primary Antibody]

ALOX15B Rabbit pAb

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ANTIBODIES

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— DATASHEET —

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