bs-15492R

[Primary Antibody]

LOX Rabbit pAb



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		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500) IHC-F (1:100-500)
GeneID: 4015	SWISS: P28300	IF (1:100-500)
Target: LOX		ICC/IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human LOX: 201-300/417. Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Dog)
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: This gene encodes a member of the lysyl oxidase family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a regulatory propeptide and the mature enzyme. The copper-dependent amine oxidase activity of this enzyme functions in the crosslinking of collagens and elastin, while the propeptide may play a role in tumor suppression. In addition, defects in this gene have been linked with predisposition to thoracic aortic aneurysms and dissections. [provided by RefSeq, Jul 2016] 		Predicted _{29 kDa} MW.: ^{29 kDa} Subcellular Secreted ,Extracellular Location: matrix

- SELECTED CITATIONS -

- [IF=5.064] Xia Liu. et al. The adipokine orosomucoid alleviates adipose tissue fibrosis via the AMPK pathway. Acta Pharmacol Sin. 2021 Apr;:1-9 WB, IF ; Mouse. 33875797
- [IF=3.647] Runze Zhao. et al. Lysyl oxidase inhibits TNF-α induced rat nucleus pulposus cell apoptosis via regulating Fas/FasL pathway and the p53 pathways. Life Sci. 2020 Nov;260:118483 WB ;Rat. 32979358
- [IF=4.145] Runze Zhao. et al. Nucleus pulposus cell senescence is regulated by substrate stiffness and is alleviated by LOX possibly through the integrin β1-p38 MAPK signaling pathway. EXP CELL RES. 2022 Aug;417:113230 WB ;Rat. 35667466