

## LOX Antibody (Center)

Catalog_no :	AB0724
Applications :	WB, IHC-P
Reactivity :	H
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:234-260
Specificity :	This LOX antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 234-260 amino acids from the Central region of human LOX.
Dilution :	WB,1:100~500;
Purification :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Protein-lysine 6-oxidase, Lysyl oxidase, LOX
Isotype :	IgG2b
Background :	The protein encoded by this gene is an extracellular copper enzyme that initiates the crosslinking of collagens and elastin. The enzyme catalyzes oxidative deamination of the epsilon-amino group in certain lysine and hydroxylysine residues of collagens and lysine residues of elastin. In addition to crosslinking extracellular matrix proteins, the encoded protein may have a role in tumor suppression. Defects in this gene are a cause of autosomal recessive cutis laxa type I (CL type I). Two transcript variants encoding different isoforms have been found for this gene.
reference :	Gao, Y., et al. Proc. Natl. Acad. Sci. U.S.A. 107(44):18892-18897(2010) Santhanam, A.N., et al. Oncogene 29(27):3921-3932(2010) Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Wang, X., e