

LOX Polyclonal Antibody

Catalog No.	A7698	Category	Polyclonal Antibodies
Applications	WB, IHC	Observed MW	38kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	46kDa

Immunogen Information

Immunogen	A synthetic peptide of human LOX
Gene ID	4015
Swiss prot	P28300
Synonyms	LOX; AAT10; lysyl oxidase

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

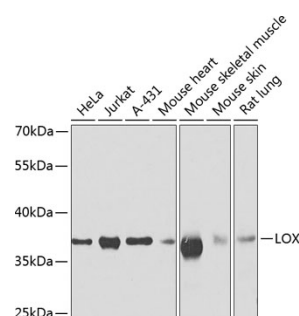
Background

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.

Recommended Dilutions

WB 1:500 -
1:2000

IHC 1:50 -
1:200



Western blot - LOX Polyclonal Antibody (A7698)