

## Anti-LOX Antibody (90417)

## Product Details

Ig Type:	IgG/Kappa
Reactivity:	Human (predicted:Mouse)
Clone:	90417
Purification:	Protein A purified

## Applications

Verified Activity:	1. Blocking buffer: 5% NFDM/TBST
	Primary Ab dilution: 1:1000
	Primary Ab incubation condition: 4°C overnight
	Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)
	Lysate: 1: HeLa, 2: Jurkat, 3: C2C12
	Protein loading quantity: 20 µg
	Exposure time: 10 s
	Predicted MW: 56 kDa
	Observed MW: 54 kDa
	2. Cell line: HeLa
Fixative: 4% Paraformaldehyde	
Permeabilization: 0.1% TritonX-100	
Primary Ab dilution: 1: 200	
Primary incubation condition: 4°C overnight	
Secondary Ab: Goat Anti-Rabbit IgG	
Nuclear counter stain: DAPI (Blue)	
Comment: Color green is the positive signal for TMAB-08354	
Application:	WB,ICC/IF
Recommended	WB: 1:500-1000; ICC/IF: 1:50-200

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Gene ID:	4015
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## Research 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]

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481