

LOXL2 Rabbit mAb

Catalog No: #59581

Package Size: #59581-1 50ul #59581-2 100ul

Description

Product Name	LOXL2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	LOXL2 Antibody detects endogenous levels of total LOXL2
Immunogen Description	A synthesized peptide derived from human LOXL2
Other Names	LOR2; LOX L2; LOXL2; Lysyl oxidase homolog 2; Lysyl oxidase like 2; WS9 14;
Accession No.	Uniprot:Q9Y4K0
Calculated MW	Predicted band size: 87 kDa
SDS-PAGE MW	Observed band size: 53 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

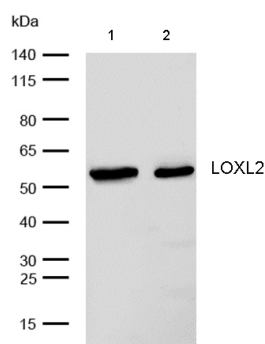
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: LOXL2 Rabbit mAb at 1/1k dilution

Lane 1 : MCF-7 whole cell lysates Lane 2 : JK whole cell lysates
Lysates/proteins at 20 µg per lane.

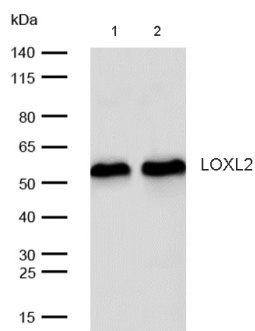
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 87 kDa

Observed band size: 53 kDa

Exposure time: 4 seconds



All lanes: LOXL2 Rabbit mAb at 1/1k dilution

Lane 1 : Mouse brain lysates Lane 2 : Rat brain lysates
Lysates/proteins at 20 µg per lane.

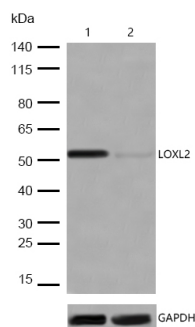
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 87 kDa

Observed band size: 53 kDa

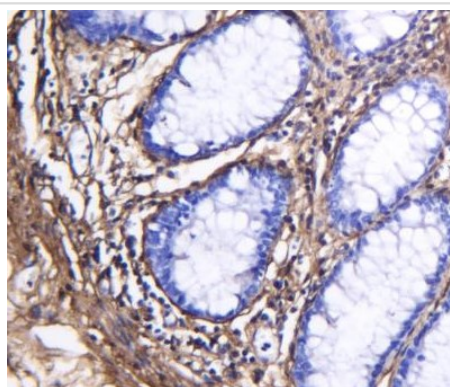
Exposure time: 5 seconds



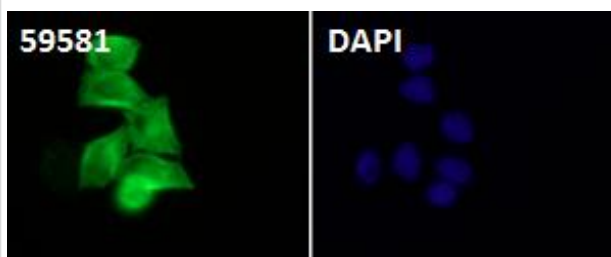
All lanes: LOXL2 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HeLa cell lysate
Lane 2 : LOXL2 Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human colon cancer tissue stained for LOXL2 using 59581 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence LOXL2 antibody (59581)

ICC/IF staining of LOXL2 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59581 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

Mediates the post-translational oxidative deamination of lysine residues on target proteins leading to the formation of deaminated lysine (allysine). When secreted in extracellular matrix, promotes cross-linking of extracellular matrix proteins by mediating oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.