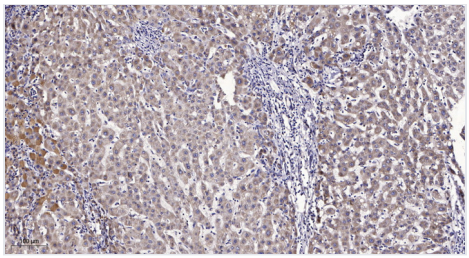
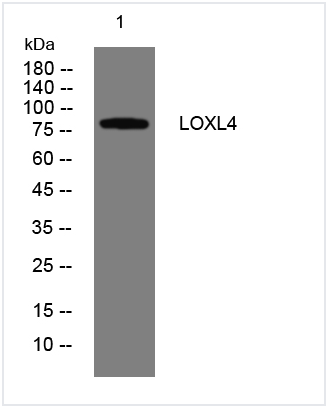
LOXL4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LOXL4, Polyclonal Antibody
Full Product Name	LOXL4 Antibody
Product Gene Name	anti-LOXL4 antibody
Product Synonym Names	LOXL4
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of LOXL4 at Human/Mouse
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	84,483 Da
OMIM	AF338441 mRNA
3D Structure	ModBase 3D Structure for Q96JB6
Immunogen	Synthesized peptide derived from human LOXL4 AA range: 39-89
Modification	Unmodified/Total
Product Categories/Family for anti-LOXL4 antibody	Primary Antibodies
Applications Tested/Suitable for anti-LOXL4 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-LOXL4 antibody	WB: 1:500-2000 IHC: 1:50-300
Related Product Information for anti-LOXL4 antibody	This gene encodes a member of the lysyl oxidase gene family. The prototypic member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyses the first step in the formation of crosslinks in collagens and elastin. A highly conserved amino acid sequence at the C-terminus end appears to be sufficient for amine oxidase activity, suggesting that each family member may retain this function. The N-terminus is poorly conserved and may impart additional roles in developmental regulation, senescence, tumor suppression, cell growth control, and chemotaxis to each member of the family. [provided by RefSeq, Jul 2008]
Other Notes	Small volumes of anti-LOXL4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LOXL4 purchase	MBS9520349 is an antibody targeting LOXL4. Also known as LOXL4 Antibody. Reactive in Human, Mouse. Host: Rabbit.



Immunohistochemistry (IHC) of anti-LOXL4 antibody
Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



Western Blot (WB) of anti-LOXL4 antibody
Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LOXL4. It may not necessarily be applicable to this product.

NCBI GI #	67782349
NCBI GeneID	84171
NCBI Accession #	NP_115587.6
UniProt Primary Accession #	Q96JB6
UniProt Secondary Accession #	Q5W0B3; Q96DY1; Q96PC0; Q9H6T5
UniProt Related Accession #	Q96JB6
GenBank Nucleotide #	NM_032211.6
NCBI Official Full Name	lysyl oxidase homolog 4
NCBI Official Synonym Full Names	lysyl oxidase like 4
NCBI Official Symbol	LOXL4
NCBI Official Synonym Symbols	LOXC
UniProt Protein Name	Lysyl oxidase homolog 4
UniProt Synonym Protein Names	Lysyl oxidase-like protein 4; Lysyl oxidase-related protein C
Protein Family	Lysyl oxidase
UniProt Gene Name	LOXL4
UniProt Synonym Gene Names	LOXC
NCBI Protein Information	lysyl oxidase homolog 4
UniProt Comments for LOXL4	May modulate the formation of a collagenous extracellular matrix.
Research Articles on LOXL4	**1.** In hepatocellular carcinoma, low LOXL4 expression was associated with lower overall survival rates and higher cumulative recurrence rates.
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