

Rabbit LOXL3 Polyclonal Antibody | anti-LOXL3 antibody

LOXL3 Antibody (C-term)

CATALOG # AAA284216	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

LOXL3; Polyclonal Antibody; LOXL3 Antibody (C-term); Lysyl oxidase homolog 3; 143-; Lysyl oxidase-like protein 3; LOXL; anti-LOXL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LOXL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 715-744 amino acids from the C-terminal region of human LOXL3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	715-744
Sequence Length	608
Applicable Applications for anti-LOXL3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

LOXL3 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of LOXL3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

LOXL3 Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the LOXL3 antibody detected the LOXL3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LOXL3 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. Alternatively spliced transcript variants of this gene have been reported but their full-length nature has not been determined.
Product Categories/Family for anti-LOXL3 antibody	Signal Transduction
References	Kim, Y., et al. Oncol. Rep. 22(4):799-804(2009) Sebban, S., et al. Virchows Arch. 454(1):71-79(2009) Akagawa, H., et al. Hum. Genet. 121 (3-4), 377-387 (2007) : Lee, J.E., et al. J. Biol. Chem. 281(49):37282-37290(2006) Peinado, H., et al. EMBO J. 24(19):3446-3458(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	14211943
NCBI GeneID	84695
NCBI Accession #	NP_115992.1
NCBI GenBank Nucleotide #	NM_032603.3
UniProt Accession #	P58215; Q2EHP2; Q6IPL7; Q96RS1; D6W5J1
Molecular Weight	83166
NCBI Official Full Name	lysyl oxidase homolog 3 isoform 1
NCBI Official Synonym Full Names	lysyl oxidase-like 3
NCBI Official Symbol	LOXL3
NCBI Official Synonym Symbols	LOXL
NCBI Protein Information	lysyl oxidase homolog 3
UniProt Protein Name	Lysyl oxidase homolog 3
UniProt Gene Name	LOXL3
UniProt Synonym Gene Names	LOXL
UniProt Entry Name	LOXL3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.