

Rabbit LOXL2 Polyclonal Antibody | anti-LOXL2 antibody

Rabbit Polyclonal to Human LOXL2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51770	Rabbit	Bat, Bovine, Dog, Gorilla, Horse, Human, Monkey, Orangutan, Rabbit Predicted Reactivity: Mouse, Rat, Chicken (at least 90% immunogen sequence identity)	Immunohistochemistry

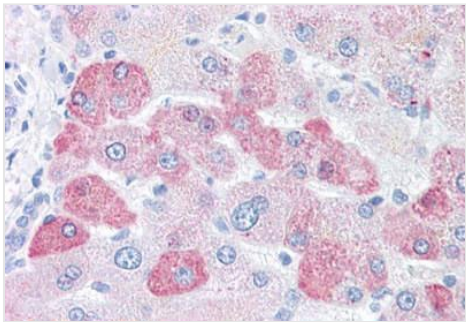
PRODUCT SYNONYMS

LOXL2; Polyclonal Antibody; Rabbit Polyclonal to Human LOXL2; Anti-LOXL2 Antibody (N-Terminus) IHC-plus; Lysyl oxidase-like protein 2; Lysyl oxidase related 2; Lysyl oxidase-like 2; WS9-14; LOR2; Lysyl oxidase homolog 2; Human LOXL2; anti-LOXL2 antibody

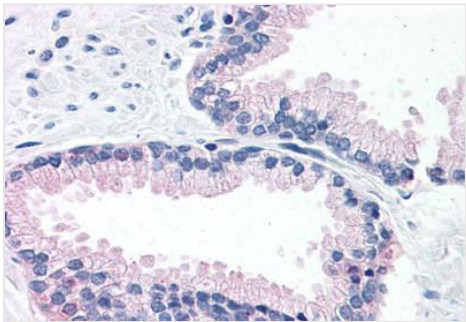
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Bovine, Dog, Gorilla, Horse, Human, Monkey, Orangutan, Rabbit Predicted Reactivity: Mouse, Rat, Chicken (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human LOXL2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	774
Applicable Applications for anti-LOXL2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from N-terminus of human LOXL2. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Monkey, Marmoset, Dog, Bovine, Bat, Elephant, Panda, Horse, Rabbit (100%); Mouse, Rat, Opossum, Turkey.
Immunogen Type	Synthetic peptide
Immunogen	LOXL2 antibody was raised against synthetic 15 amino acid peptide from N-terminus of human LOXL2. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Monkey, Marmoset, Dog, Bovine, Bat, Elephant, Panda, Horse, Rabbit (100%); Mouse, Rat, Opossum, Turkey, Chicken, Platypus (93%); Xenopus, Pufferfish, Zebrafish, Stickleback (87%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-LOXL2 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-LOXL2 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-LOXL2 antibody	LOXL2 is a member of the lysyl oxidase gene family. This family of extracellular, copper dependent enzymes participates in the post-translational modification essential to the biogenesis of connective tissue by deaminating the side chains of lysine residues in collagen and elastin. This results in the covalent cross-linking of fibrillar collagen and the formation of desmosine and isodesmosine cross-links in elastin.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505011
NCBI GeneID	4017
NCBI Accession #	NP_002309.1
NCBI GenBank Nucleotide #	NM_002318.2
UniProt Accession #	Q9Y4K0; Q53HV3; Q9BW70; Q9Y5Y8; B2R5Q0
Molecular Weight	86,725 Da
NCBI Official Full Name	lysyl oxidase homolog 2
NCBI Official Synonym Full Names	lysyl oxidase-like 2
NCBI Official Symbol	LOXL2
NCBI Official Synonym Symbols	LOR2; WS9-14
NCBI Protein Information	lysyl oxidase homolog 2; lysyl oxidase related 2; lysyl oxidase-like 2 protein; lysyl oxidase-like protein 2; lysyl oxidase-like 2 delta e13; lysyl oxidase-related protein 2; lysyl oxidase-related protein WS9-14
UniProt Protein Name	Lysyl oxidase homolog 2
UniProt Gene Name	LOXL2
UniProt Entry Name	LOXL2_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.