

Rabbit LOXL4 Polyclonal Antibody | anti-LOXL4 antibody

LOXL4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329149	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(83%), Bovine(100%), Horse(88%), Sheep(100%), Rabbit(100%), Dog(100%)	ELISA

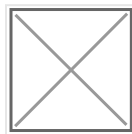
PRODUCT SYNONYMS

LOXL4; Polyclonal Antibody; LOXL4 Antibody; 4833426I20Rik; FLJ21889; LOX L4; LOXC; LOXL 4; LOXL4_HUMAN; Lysyl oxidase homolog 4; Lysyl oxidase like 4; Lysyl oxidase like protein 4; Lysyl oxidase related C; Lysyl oxidase related protein C; Lysyl oxidase-like protein 4; Lysyl oxidase-related protein C; anti-LOXL4 antibody

PRODUCT SPECIFICATIONS

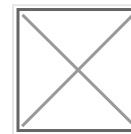
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(83%), Bovine(100%), Horse(88%), Sheep(100%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	LOXL4 Antibody detects endogenous levels of total LOXL4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	756
Applicable Applications for anti-LOXL4 antibody	ELISA
Immunogen	A synthesized peptide derived from human LOXL4, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329149 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329149) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of extracts from A549, using LOXL4 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LOXL4 antibody	Function: May modulate the formation of a collagenous extracellular matrix.
	Post Translational Modifications: The lysine tyrosylquinone cross-link (LTQ) is generated by condensation of the epsilon-amino group of a lysine with a topaquinone produced by oxidation of tyrosine.
	Subcellular Location: Secreted>Extracellular space.
	Tissue Specificity: Expressed in many tissues, the highest levels among the tissues studied being in the skeletal muscle, testis and pancreas. Expressed in cartilage.
	Similarity: Belongs to the lysyl oxidase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782349
NCBI GeneID	84171
NCBI Accession #	NP_115587.6
NCBI GenBank Nucleotide #	NP_115587.6
UniProt Accession #	Q96JB6
Molecular Weight	Observed Molecular Weight: (Observed)84kD. Predicted Molecular Weight: (Calculated)84kDa.
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
NCBI Protein Information	lysyl oxidase homolog 4
UniProt Protein Name	Lysyl oxidase homolog 4
UniProt Gene Name	LOXL4
UniProt Synonym Gene Names	LOXC

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/loxl4-antibody-elisa/329149>