

LOXL1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13685**Specification**

LOXL1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q08397
Other Accession	NM_005576 , NP_005567
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53kDa KDa

LOXL1 antibody - N-terminal region - Additional Information**Gene ID** 4016

Alias Symbol	LOL, LOXL
Other Names	
Lysyl oxidase homolog 1, 1.4.3.-, Lysyl oxidase-like protein 1, LOL, LOXL1, LOXL	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-LOXL1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LOXL1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LOXL1 antibody - N-terminal region - Protein Information**Name** LOXL1**Synonyms** LOXL**Function**

Catalyzes the oxidative deamination of lysine and hydroxylysine residues in collagen and elastin, resulting in the formation of covalent cross-linkages, and the stabilization of collagen and elastin fibers (By similarity). Essential for the elastic fiber homeostasis and for their maintenance at adult age (By similarity).

Cellular Location

Secreted, extracellular space. Secreted, extracellular space, extracellular matrix
{ECO:0000250|UniProtKB:P97873}

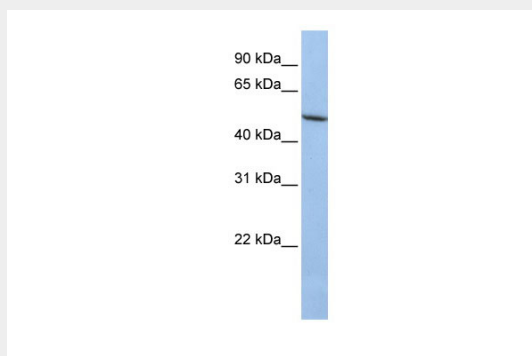
Tissue Location

Expressed in ocular tissues including the iris, ciliary body, lens and optic nerve. Not detected in the retina

LOXL1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LOXL1 antibody - N-terminal region - Images

WB Suggested Anti-LOXL1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate

LOXL1 antibody - N-terminal region - References

Kenyon K., et al. J. Biol. Chem. 268:18435-18437(1993).
Kenyon K., et al. Submitted (MAY-1995) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Zody M.C., et al. Nature 440:671-675(2006).
Thorleifsson G., et al. Science 317:1397-1400(2007).