

Product Datasheet

LOXL2 antibody GRP36

Description

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]

Species/Host

Rabbit

Reactivity

Human, Mouse

Conjugation

Unconjugated

Tested Applications

ICC, IF, IHC-Fr, IHC-P, WB

Immunogen

Recombinant protein encompassing a sequence within the center region of human LOXL2. The exact sequence is proprietary.

Form/Appearance

Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.

Concentration

0.17 mg/ml

Storage

Store as concentrated solution. Centrifuge briefly prior to opening. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Note

For research use only.

Isotype

IgG

Clonality

Polyclonal

Purity

Purified by antigen-affinity chromatography.

Uniprot ID

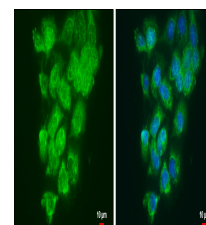
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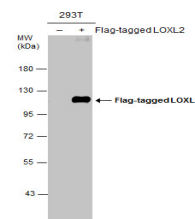
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Dilution Range

WB: 1:500-1:10000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000



LOXL2 antibody detects LOXL2 protein at cytoplasm and nucleus by immunofluorescent analysis. Sample: A431 cells were fixed in ice-cold MeOH for 5 min. Green: LOXL2 protein stained by LOXL2 antibody (GRP488) diluted at 1:500. Blue: Hoechst 33342 staining. Sca



Non-transfected (â€“) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with LOXL2 antibody (GRP488) diluted at 1:5000.