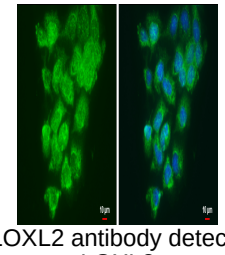
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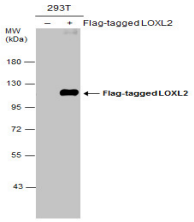
# Product Datasheet

## 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 cente 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 openin vial. 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** | **Q9Y4K0** |
| **Entrez** | **4017** |
| **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 ?g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with LOXL2 antibody (GRP488) diluted at 1:5000.