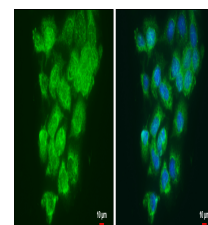


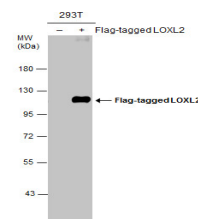
## Product Datasheet

### LOXL2 antibody GRP36

<b>Description</b>	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]
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ICC, IF, IHC-Fr, IHC-P, WB
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human LOXL2. The exact sequence is proprietary.
<b>Form/Appearance</b>	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
<b>Concentration</b>	0.17 mg/ml
<b>Storage</b>	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.
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Purified by antigen-affinity chromatography.
<b>Uniprot ID</b>	<b>Q9Y4K0</b>
<b>Entrez</b>	<b>4017</b>
<b>Dilution Range</b>	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.