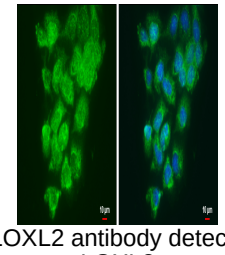
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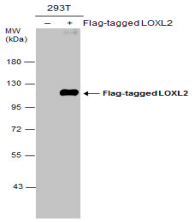
Product Datasheet

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.