

## LOXL2 antibody

Cat. No. GTX105085

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, ELISA
Reactivity	Human

References ( 18 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
ELISA	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 100 (proform), 65 (cleaved form) kDa.

**Product Note** Mouse reactivity has been validated by IHC-P only, not yet been tested by other applications. KO/KD validation is based on published data (PMID: 32211324).

## Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening 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.
Concentration	0.84 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human LOXL2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

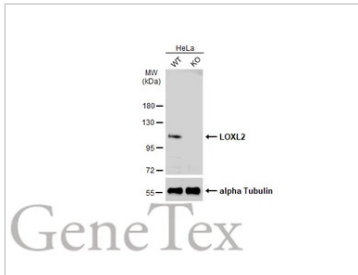


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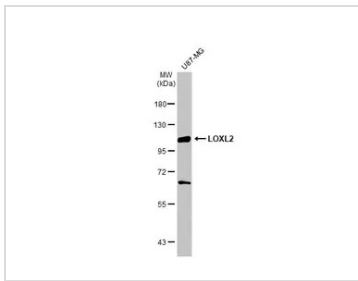
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**Note**

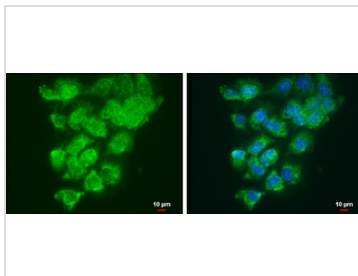
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**DATA IMAGES**

**GTX105085 WB Image**

Wild-type (WT) and LOXL2 knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with LOXL2 antibody (GTX105085) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX105085 WB Image**

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with LOXL2 antibody (GTX105085) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX105085 ICC/IF Image**

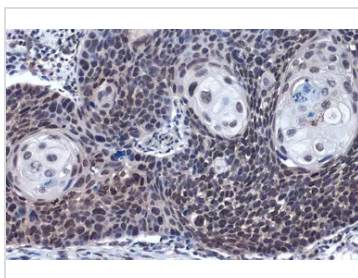
LOXL2 antibody detects LOXL2 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: A431 cells were fixed in ice-cold MeOH for 5 min.

Green: LOXL2 protein stained by LOXL2 antibody (GTX105085) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.


**GTX105085 IHC-P Image**

LOXL2 antibody detects LOXL2 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded human esophageal carcinoma.

LOXL2 stained by LOXL2 antibody (GTX105085) diluted at 1:3000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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