Anti-LOXL1 Rabbit Polyclonal Antibody

Catalog #: 52156

Aliases

LOXL; Lysyl oxidase homolog 1; Lysyl oxidase-like protein 1; LOL

Background

Gene Name: LOXL1
NCBI Gene Entry: 4016
UniProt Entry: Q08397

Application Information

Molecular Weight: Predicted, 63 kDa; observed, 63,53 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Mouse
Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

Recombinant protein of human LOXL1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

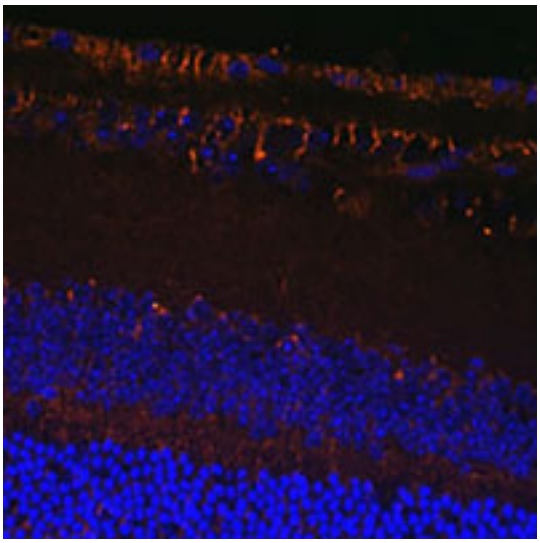
Store at -20 °C for one year.

Recommended Dilutions

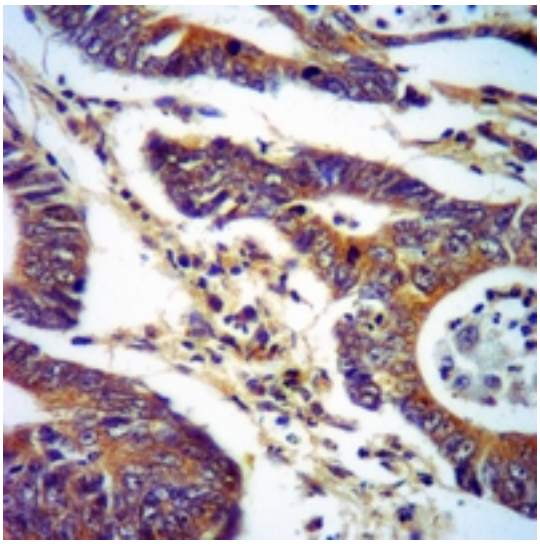
Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:50-1:100

Note: This product is for research use only.

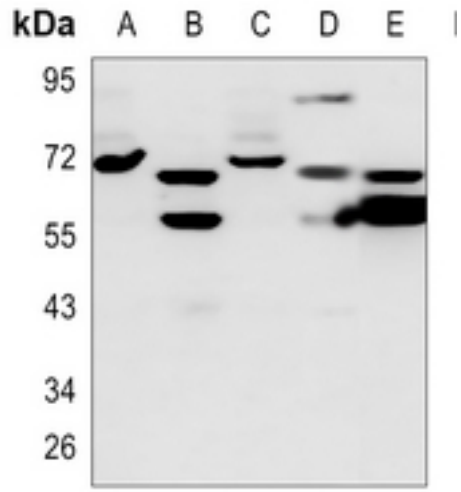
Validation Data



Immunocytochemical analysis of LOXL1 staining in mouse eye. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemical analysis of LOXL1 staining in human colorectal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of LOXL1 expression in Hela (A), A549 (B), mouse lung (C), rat heart (D) whole cell lysates.