

Product Data Sheet

Recombinant Anti-LOXL2 Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA4547	Rabbit	H, M	WB, IH
Description	Recombinant rabbit monoclonal antibody to LOXL2		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human LOXL2 protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of LOXL2 protein		
Clonality	Monoclonal		
Conjugation			
Form	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/200)		
Gene Symbol	LOXL2		
Alternative Names	Lysyl oxidase homolog 2; Lysyl oxidase-like protein 2; Lysyl oxidase-related protein 2; Lysyl oxidase-related protein WS9-14		
Entrez Gene	4017 (Human); 100862072, 94352 (Mouse)		
SwissProt	Q9Y4K0 (Human); P58022 (Mouse)		
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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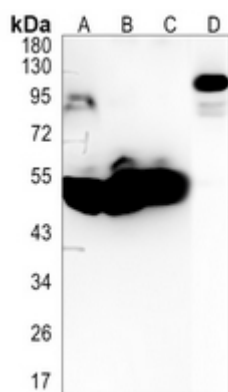
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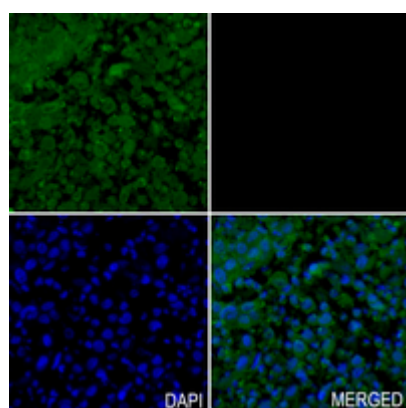
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Western blot analysis of LOXL2 expression in MCF7 (A), K562 (B), Jurkat (C), mouse muscle (D) whole cell lysates. (Predicted band size: 86 kD; Observed band size: 53, 106 kD)



Immunohistochemical analysis of LOXL2 staining in human lung 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.

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