

CAB23079

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## Product Information

<b>Product SKU:</b>	CAB23079	<b>Gene ID:</b>	4016	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC58135	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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## Additional Information

<b>Observed MW:</b>	63kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	63kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	This gene encodes a member of the lysyl oxidase family of proteins. The prototypic member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyzes the first step in the formation of crosslinks in collagen and elastin. The encoded preproprotein is proteolytically processed to generate the mature enzyme. 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. Mutations in this gene are associated with exfoliation syndrome.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000
<b>Synonyms:</b>	LOL; LOXL; LOXL1
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant protein of human LOXL1.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

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