



Anti-LOXL1 (aa 570-590) polyclonal antibody (DPAB-DC1573)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	LOXL1 (lysyl oxidase-like 1) is a protein-coding gene. Diseases associated with LOXL1 include exfoliation syndrome, and pigment-dispersion syndrome, and among its related super-pathways are Collagen formation and Molecules associated with elastic fibres. GO annotations related to this gene include oxidoreductase activity, acting on the CH-NH ₂ group of donors, oxygen as acceptor and copper ion binding. An important paralog of this gene is LOXL2.
Immunogen	A synthetic peptide corresponding to amino acids 570-590 of rat Loxl1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA, Dot,
Format	Liquid
Size	100 µg
Buffer	In buffer containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Lox1 lysyl oxidase-like 1 [Rattus norvegicus (Norway rat)]
Official Symbol	LOXL1
Synonyms	LOXL1; lysyl oxidase-like 1; lysyl oxidase homolog 1;
Entrez Gene ID	315714
Protein Refseq	NP_001012125
UniProt ID	Q5FWS5
Chromosome Location	8q24
Pathway	Assembly of collagen fibrils and other multimeric structures; Crosslinking of collagen fibrils; Extracellular matrix organization;
Function	copper ion binding; molecular_function; oxidoreductase activity, acting on the CH-NH ₂ group of donors, oxygen as acceptor;
