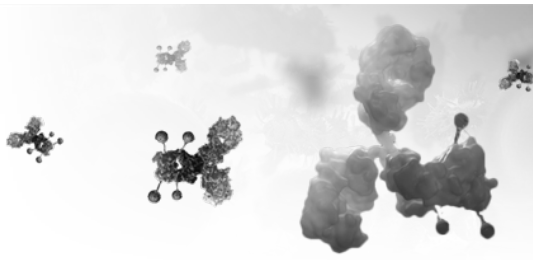

Anti-LOXL4 (aa 657-755) polyclonal antibody (DPAB-DC3469)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the lysyl oxidase gene family. The prototypic member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyses the first step in the formation of crosslinks in collagens and elastin. 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.
Immunogen	LOXL4 (NP_115587, 657 a.a. ~ 755 a.a) partial recombinant protein with GST tag. The sequence is ACANFGEQGVTVGCWDTYRHDIDCQWVDITDVGPGNYIFQVIVNPHYEVAESDFSNNMLQ CRCKYDGHRVWLHNCHTGNSYPANAELSLEQEQRLRNNL
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	LOXL4 lysyl oxidase-like 4 [Homo sapiens (human)]
Official Symbol	LOXL4
Synonyms	LOXL4; lysyl oxidase-like 4; LOXC; lysyl oxidase homolog 4; lysyl oxidase related C; lysyl oxidase-like protein 4; lysyl oxidase-like 4 pseudogene; lysyl oxidase-related protein C;
Entrez Gene ID	84171
Protein Refseq	NP_115587
UniProt ID	Q96JB6
Chromosome Location	10q24
Pathway	Assembly of collagen fibrils and other multimeric structures; Crosslinking of collagen fibrils; Extracellular matrix organization.
Function	copper ion binding; protein binding; protein-lysine 6-oxidase activity; scavenger receptor activity

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