



Mouse anti-Human LOXL4 monoclonal antibody, clone 5I8 (CABT-B10585)

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

PRODUCT INFORMATION

Immunogen	LOXL4 (NP_115587, 657 a.a. ~ 756 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG3
Source/Host	Mouse
Species Reactivity	Human
Clone	5I8
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	ACANFGEQGVTVGCWDTYRHDIDCQWVDITDVGPGNYIFQVIVNPHYEVAESDFSNNMLQ CRCKYDGHVRVWLHNCHTGNSYPANAELSLEQEQLRNNL*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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. [provided by RefSeq, Jul 2008]

Keywords

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;

GENE INFORMATION

Entrez Gene ID

[84171](#)

UniProt ID

[Q96JB6](#)

Function

copper ion binding; metal ion binding; oxidoreductase activity; oxidoreductase activity, acting on the CH-NH2 group of donors, oxygen as acceptor; protein binding; scavenger receptor activity
