

Product Datasheet

Lysyl Oxidase Homolog 2/LOXL2 Antibody (5D2) - Azide and BSA Free H00004017-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00004017-M01

Lysyl Oxidase Homolog 2/LOXL2 Antibody (5D2) - Azide and BSA Free

Product Information

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5D2
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

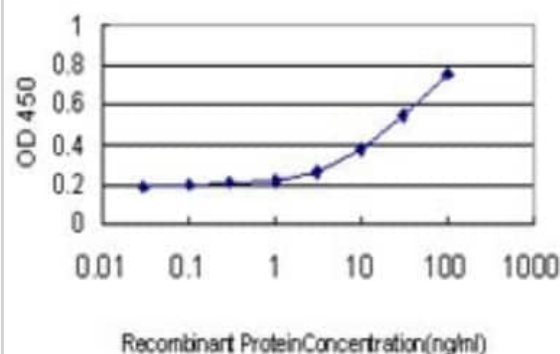
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4017
Gene Symbol	LOXL2
Species	Human, Mouse
Specificity/Sensitivity	LOXL2 - lysyl oxidase-like 2
Immunogen	LOXL2 (NP_002309, 675 a.a. ~ 773 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. NFGDQGITMGCWDMYRHDIDCQWVDITDVPPGDYLFQVVINPNFEVAESDYS NNIMKCRSRYDGHRIWMYNCHIGGSFSEETEEKFEHFSGLLNNQLSP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

Images

Sandwich ELISA: Lysyl Oxidase Homolog 2/LOXL2 Antibody (5D2) [H00004017-M01] - Detection limit for recombinant GST tagged LOXL2 is approximately 0.3ng/ml as a capture antibody.



Publications

Schmelzer C, Heinz A, Troilo H et al. Lysyl oxidase-like 2 (LOXL2)-mediated cross-linking of tropoelastin. *FASEB J.* 2019-01-24 [PMID: 30676771]

Umana-Diaz C, Pichol-Thieuvend C, Marchand M et al. Scavenger Receptor Cysteine-Rich domains of Lysyl Oxidase-Like2 regulate endothelial ECM and angiogenesis through non-catalytic scaffolding mechanisms. *Matrix Biol.* 2019-11-20 [PMID: 31759052]

Zhan XH, Jiao JW, Zhang HF et al. A three-gene signature from protein-protein interaction network of LOXL2- and actin-related proteins for esophageal squamous cell carcinoma prognosis. *Cancer Med* 2017-05-29 [PMID: 28556501]

Fujimoto E, Tajima S. Reciprocal regulation of LOX and LOXL2 expression during cell adhesion and terminal differentiation in epidermal keratinocytes. *J Dermatol Sci.* 2009-04-23 [PMID: 19394199]

Li TY, Xu LY, Wu ZY et al. Reduced nuclear and ectopic cytoplasmic expression of lysyl oxidase-like 2 is associated with lymph node metastasis and poor prognosis in esophageal squamous cell carcinoma. *Hum Pathol.* 2011-12-26 [PMID: 22204712]

Li T, Li D, Cheng L et al. Epithelial-mesenchymal transition induced by hepatitis C virus core protein in cholangiocarcinoma. *Ann Surg Oncol* 17(7):1937-44. 2010-07-01 [PMID: 20162464]



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Products Related to H00004017-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-56739PEP	Lysyl Oxidase Homolog 2/LOXL2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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