

Rabbit anti-Mouse, Human Lysyl oxidase homolog 2 Polyclonal Antibody | anti-Loxl2 antibody

Rabbit anti-mouse Lysyl oxidase homolog 2 polyclonal Antibody

CATALOG # AAA118743	HOST Rabbit	REACTIVITY Mouse, Human	APPLICATIONS Western Blot, ELISA
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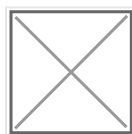
PRODUCT SYNONYMS

Lysyl oxidase homolog 2; Polyclonal Antibody; Rabbit anti-mouse Lysyl oxidase homolog 2 polyclonal Antibody; Lysyl oxidase homolog 2 (EC 1.4.3.13) (Lysyl oxidase-like protein 2); Loxl2; anti-Loxl2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-Loxl2 antibody	WB (Western Blot), ELISA
Immunogen	Recombinant Mouse Lysyl oxidase homolog 2 protein (26-776AA)
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Species	Mus musculus (Mouse)
Research Area	Signal Transduction
Target Names	Loxl2
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

Western blotAll lanes: Loxl2 antibody at 14ug/mlLane 1: 293T whole cell lysateLane 2: A549 whole cell lysateLane 3: A431 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 88,82 kDaObserved band size: 87 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-Loxl2 antibody	Mediates the post-translational oxidative deamination of lysine residues on target proteins leading to the formation of deaminated lysine (allysine). When secreted in extracellular matrix, promotes cross-linking of extracellular matrix proteins by mediating oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin. Acts as a regulator of sprouting angiogenesis, probably via collagen IV scaffolding. When nuclear, acts as a transcription corepressor and specifically mediates deamination of trimethylated Lys-4 of histone H3 (H3K4me3), a specific tag for epigenetic transcriptional activation. Involved in epithelial to mesenchymal transition (EMT) via interaction with SNAI1 and participates in repression of E-cadherin, probably by mediating deamination of histone H3 By similarity. Acts as a regulator of chondrocyte differentiation, probably by regulating expression of factors that control chondrocyte differentiation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225579028
NCBI GeneID	94352
NCBI Accession #	NP_201582.2
NCBI GenBank Nucleotide #	NM_033325.2
UniProt Accession #	P58022; Q8BRE6; Q8BS86; Q8C4K0; Q9JJ39
NCBI Official Full Name	lysyl oxidase homolog 2
NCBI Official Synonym Full Names	lysyl oxidase-like 2
NCBI Official Symbol	Loxl2
NCBI Official Synonym Symbols	1110004B06Rik; 4930526G11Rik; 9430067E15Rik
NCBI Protein Information	lysyl oxidase homolog 2
UniProt Protein Name	Lysyl oxidase homolog 2
UniProt Gene Name	Loxl2
UniProt Entry Name	LOXL2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.