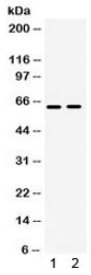
LOXL1 Antibody (R32201)

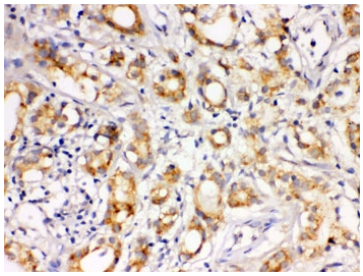
Catalog No.	Formulation	Size
R32201	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q08397
Localization	Cytoplasmic
Applications	Western blot: 0.1-0.5ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This LOXL1 antibody is available for research use only.



Western blot testing of human 1) A549 and 2) HeLa lysate with LOXL1 antibody. Expected/observed molecular weight ~63 kDa.



IHC testing of FFPE human prostate cancer tissue with LOXL1 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.

Description

Lysyl oxidase homolog 1 is an enzyme which in humans is encoded by the LOXL1 gene. 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.

Application Notes

Optimal dilution of the LOXL1 antibody should be determined by the researcher.

Immunogen

Amino acids AEEKCLASTAYAPEATDYDVRVLLRFPQR of human Lysyl oxidase homolog 1 were used as the immunogen for the LOXL1 antibody.

Storage

After reconstitution, the LOXL1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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