

Datasheet: VPA00656

| | |
|----------------------|------------------------|
| Description: | RABBIT ANTI LOXL1 |
| Specificity: | LOXL1 |
| Format: | Purified |
| Product Type: | PrecisionAb Polyclonal |
| Isotype: | Polyclonal IgG |
| Quantity: | 100 µl |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪ | | | 1/1000 |

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

| | |
|-------------------------------------|---|
| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | Rabbit polyclonal antibody purified by affinity chromatography. |
| Buffer Solution | Phosphate buffered saline. |
| Preservative Stabilisers | 0.09% Sodium Azide 2% Sucrose |
| Immunogen | Synthetic peptide encompassing part of the N terminal region of human LOXL1 |

External Database Links

UniProt:

[Q08397](#)

[Related reagents](#)

Entrez Gene:

[4016](#)

LOXL1

[Related reagents](#)

| | |
|--------------------------------------|--|
| Synonyms | LOXL |
| Specificity | <p>Rabbit anti Human LOXL1 antibody recognizes lysyl oxidase homolog 1, also known as lysyl oxidase-like protein 1.</p> <p>The LOXL1 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).</p> <p>Rabbit anti Human LOXL1 antibody detects a band of 53 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p> |
| Western Blotting | Rabbit anti LOXL1 detects a band of approximately 53 kDa in Jurkat cell lysates. |
| Storage | Store undiluted at -20°C, avoiding repeated freeze thaw cycles. |
| Guarantee | 12 months from date of despatch. |
| Acknowledgements | PrecisionAb is a trademark of Bio-Rad Laboratories. |
| Health And Safety Information | Material Safety Datasheet documentation #10045 available at: https://www.bio-rad-antibodies.com/SDS/VPA00656 Antibody (10045) |
| Regulatory | For research purposes only. |

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

| | | | | | |
|----------------------------------|---|------------------|---|---------------|---|
| North & South America | Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com | Worldwide | Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com | Europe | Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com |
|----------------------------------|---|------------------|---|---------------|---|

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
'M416409:230301'

Printed on 13 Aug 2023