# abcam

## Product datasheet

## Human LOX peptide ab28612

## 1 图像

#### 描述

Accession P28300

无动物成分 No

性质 Synthetic 种属 Human

## 技术指标

Our <u>Abpromise guarantee</u> covers the use of ab28612 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 Blocking - Blocking peptide for Anti-LOX antibody (ab31238)

形式 Liquid

补充说明 - First try to dissolve a small amount of peptide in either water or buffer. The more charged

residues on a peptide, the more soluble it is in aqueous solutions.

- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or

buffer.

- Consider that any solvent used must be compatible with your assay. If a peptide does not

dissolve and you need to recover it, lyophilise to remove the solvent.

- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is

cloudy or has gelled the peptide may be in suspension rather than solubilised.

- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior

to use.

## 制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

Information available upon request.

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#### 常规信息

功能 Responsible for the post-translational oxidative deamination of peptidyl lysine residues in

precursors to fibrous collagen and elastin. In addition to cross-linking of extracellular matrix

proteins, may have a direct role in tumor suppression.

组织**特异性** Heart, placenta, skeletal muscle, kidney, lung and pancreas.

疾病相关 Defects in LOX may be a cause of cutis laxa autosomal recessive type 1 (ARCL1) [MIM:219100].

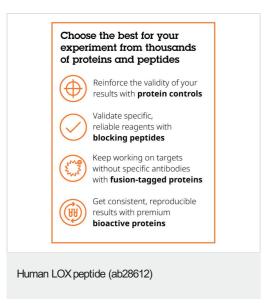
序列相似性 Belongs to the lysyl oxidase family.

翻译后修饰 The lysine tyrosylquinone cross-link (LTQ) is generated by condensation of the epsilon-amino

group of a lysine with a topaquinone produced by oxidation of tyrosine.

细胞定位 Secreted > extracellular space.

## 图片



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