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## OriGene Technologies GmbH

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## AP21328BT-N Polyclonal Antibody to Lactate oxidase - Biotin

Alternate names:	Lactate 2-monooxygenase
Quantity:	1 ml
Concentration:	10 mg/ml
Uniprot ID:	<u>P21795</u>
NCBI:	<u>1772</u>
Host / Isotype:	Rabbit / IgG
Immunogen:	Lactate oxidase isolated and purified from Mycobacterium smegmatis. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	<ul> <li>State: Lyophilized hyperimmune IgG fraction</li> <li>Purification: Ammonium Sulphate Precipitation and Ion Exchange Chromatography</li> <li>Buffer System: PBS, pH 7.2 without preservatives and foreign proteins</li> <li>Label: Biotin</li> <li>Molar Ratio: Biotin/IgG ~6.0</li> <li>Reconstitution: Restore by adding 1.0 ml sterile distilled water</li> </ul>
Applications:	This product is intended for use in precipitating and non-precipitating antibody- binding assays (such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques). <u>Working Dilutions:</u> Non-precipitating antibody-binding techniques: 1/1,000-1/40,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Lactate Oxidase from Mycobacterium smegmatis. The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, Single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and enzyme inhibition. Cross-reactivities against enzymes of other sources may occur but have not been determined. <b>Species:</b> Mycobacterium smegmatis. Other species not tested.
Storage:	Store the antibody lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer. If a slight precipitation occurs upon storage, this should be removed by centrifugation. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.