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Datasheet for ABIN7431539

anti-LPO antibody (AA 522-698)



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| Quantity: | 100 μL | |
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| Target: | LPO | |
| Binding Specificity: | AA 522-698 | |
| Reactivity: | Cow | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This LPO antibody is un-conjugated | |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) | |

Product Details

| Purpose: | Polyclonal Antibody to Lactoperoxidase (LPO) | |
|---------------|--|--|
| Immunogen: | Recombinant Lactoperoxidase (LPO) corresdonding to Lys522~Thr698 with N-terminal His and GST Tag | |
| Isotype: | IgG | |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against LPO. It has been selected for its ability to recognize LPO in immunohistochemical staining and western blotting. | |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography | |

Target Details

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| rarget: | LPO | | |

Target Details

| Alternative Name: | Lactoperoxidase (LPO Products) | |
|---------------------|--|--|
| Background: | SPO, Salivary peroxidase | |
| Application Details | | |
| Application Notes: | Western blotting: 0.2-2 μg/mL | |
| | 1:250-2500 Immunohistochemistry: 5-20 μg/mL | |
| | 1:25-100 Immunocytochemistry: 5-20 µg/mL | |
| | 1:25-100 Optimal working dilutions must be determined by end user. | |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated | |
| | thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious | |
| | degradation and precipitation were observed. The loss rate is less than 5% within the expiration | |
| | date under appropriate storage condition. | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. | |
| Preservative: | ProClin | |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be | |
| | handled by trained staff only. | |
| Storage: | 4 °C,-20 °C | |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without | |
| | detectable loss of activity. Avoid repeated freeze-thaw cycles. | |
| Expiry Date: | 24 months | |
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