Datasheet for ABIN568198

# anti-FUCA1 antibody (Biotin)

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## Overview

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| Quantity: | 1 mL |
| Target: | FUCA1 |
| Reactivity: | Cow |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FUCA1 antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Enzyme Immunoassay (EIA), Dot Blot (DB), Immunodiffusion (ID), Radioimmunoassay (RIA) |

## Product Details

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| Immunogen: | Alpha-L-Fucosidase is isolated and purified from Bovine kidney. Freund's complete adjuvant is used in the first step of the immunization procedure. |
| Isotype: | IgG |
| Specificity: | The antibody recognizes Alpha-L-Fucosidase from Bovine kidney. 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. |
| Characteristics: | Molar Ratio: Biotin/IgG ~5.3 |
| Purification: | Ammonium Sulphate Precipitation and Ion Exchange Chromatography |

## Target Details

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| Target: | FUCA1 |
| Alternative Name: | alpha-L-Fucosidase 1 (FUCA1 Products) |
| Background: | Synonyms: Alpha-L-fucosidase I, Alpha-L-fucoside fucohydrolase, FUCA1, Nbla10230, Tissue alpha-L-fucosidase |
| Gene ID: | 509522 |
| NCBI Accession: | NP_001039500 |
| UniProt: | Q2KIM0 |
| Pathways: | Glycosaminoglycan Metabolic Process |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Reconstitution: | Restore by adding 1.0 mL of sterile distilled water |
| Concentration: | 10.0 mg/mL |
| Buffer: | PBS, pH 7.2 without preservatives and foreign proteins |
| Preservative: | Without preservative |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | 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. |