Datasheet for ABIN356908

# anti-LMX1A antibody (Center)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 0.4 mL |
| Target: | LMX1A |
| Binding Specificity: | Center |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LMX1A antibody is un-conjugated |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

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|---|---|
| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the Center region of mouse LMX1a. |
| Isotype: | Ig Fraction |
| Specificity: | This antibody detects Lmx1a at center. |
| Purification: | Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. |

## Target Details

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|---|---|
| Target: | LMX1A |
| Alternative Name: | LMX1A (LMX1A Products) |

## Target Details

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|---|---|
| Background: | Insulin is produced exclusively by the beta cells in the islets of Langerhans in the pancreas. The level and beta-cell specificity of insulin gene expression are regulated by a set of nuclear genes that bind to specific sequences within the promoter of the insulin gene (INS, MIM 176730) and interact with RNA polymerase to activate or repress transcription. LMX1 is a homeodomain protein that binds an A/T-rich sequence in the insulin promoter and stimulates transcription of insulin.Synonyms: LIM homeobox transcription factor 1-alpha, LIM/homeobox protein 1.1, LIM/homeobox protein LMX1A, LMX-1.1, LMX1A |
| Molecular Weight: | 42857 Da |
| Gene ID: | 110648, 10090 |
| UniProt: | Q9JKU8 |
| Pathways: | Dopaminergic Neurogenesis |

## Application Details

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|---|---|
| Application Notes: | ELISA 1: 1,000. Western blot 1: 50 - 1: 100.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 0.25 mg/mL |
| Buffer: | PBS with 0.09 % (W/V) sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

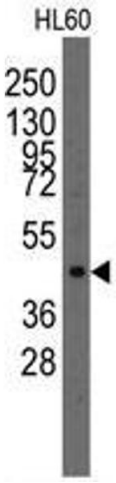


**Image 1.**