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Datasheet for ABIN7383949 **anti-LRPAP1 antibody**

Overview

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| Quantity: | 20 µL |
| Target: | LRPAP1 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LRPAP1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

Product Details

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|---------------|-----------------------------------|
| Immunogen: | Synthetic peptide of human LRPAP1 |
| Isotype: | IgG |
| Purification: | Affinity purification |

Target Details

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|-------------------|---|
| Target: | LRPAP1 |
| Alternative Name: | LRPAP1 (LRPAP1 Products) |
| Background: | 39 kDa receptor-associated protein,A2MRAP,A2RAP,Alpha 2 macroglobulin receptor associated protein,Alpha 2 MRAP,Alpha-2-macroglobulin receptor-associated protein,Alpha-2-MRAP,AMRP,HBP44,Lipoprotein receptor associated protein,Low density lipoprotein receptor related protein associated protein 1,Low density lipoprotein receptor-related protein-associated protein 1,Low density lipoprotein related protein associated protein 1 alpha 2 macroglobulin |

Target Details

receptor associated protein,Low density lipoprotein related protein associated protein 1,low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1),Lrpap1,MGC138272,MRAP,MYP23,RAP,Low density lipoprotein receptor-related protein associated protein 1also known asLRPAP1orRAPis a chaperoneproteinwhich in humans is encoded by the LRPAP1gene. LRPAP1 is involved with trafficking of certain members of the LDL receptor family including LRP1 and LRP2. It is a glycoprotein that binds to the alpha-2-macroglobulin receptor, as well as to other members of the low density lipoprotein receptor family. It acts to inhibit the binding of all know ligands for these receptors, and may prevent receptor aggregation and degradation in the endoplasmic reticulum, thereby acting as a molecular chaperone. It may be under the regulatory control of calmodulin, since it is able to bind calmodulin and be phosphorylated by calmodulin-dependent kinase II.

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|-------------------|---------------------------|
| Molecular Weight: | 41 kDa |
| NCBI Accession: | NP_002328 |
| UniProt: | P30533 |

Application Details

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| Application Notes: | WB 1:500-1:2000, IHC 1:50-1:200 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Concentration: | 1 mg/mL |
| Buffer: | PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |