

Datasheet for ABIN7601521
anti-LRP1B antibody (AA 3704-4547)



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Overview

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| Quantity: | 100 µg |
| Target: | LRP1B |
| Binding Specificity: | AA 3704-4547 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LRP1B antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA |

Product Details

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| Purpose: | Anti-LRP1B Antibody |
| Immunogen: | E.coli-derived human LRP1B recombinant protein (Position: D3704-K4547). |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins. |
| Characteristics: | Anti-LRP1B Antibody Picoband® (ABIN7601521). Tested in ELISA, IHC applications. This antibody reacts with Human, Mouse, Rat. |
| Purification: | Immunogen affinity purified. |

Target Details

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| Target: | LRP1B |
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Target Details

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| Alternative Name: | LRP1B (LRP1B Products) |
| Background: | <p>Synonyms: BAG family molecular chaperone regulator 5,BAG-5,Bcl-2-associated athanogene 5,BAG5,KIAA0873,</p> <p>Tissue Specificity: Expressed in all tissues examined with lower levels in brain and testis.</p> <p>Background: Low-density lipoprotein receptor-related protein 1B is a protein that in humans is encoded by the LRP1B gene. This gene encodes a member of the low density lipoprotein (LDL) receptor family. These receptors play a wide variety of roles in normal cell function and development due to their interactions with multiple ligands. Disruption of this gene has been reported in several types of cancer.</p> |
| Molecular Weight: | 92 kDa |
| Gene ID: | 53353 |

Application Details

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| Application Notes: | <p>Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL, Human, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Liu, C.-X., Li, Y., Obermoeller-McCormick, L. M., Schwartz, A. L., Bu, G. The putative tumor suppressor LRP1B, a novel member of the low absorbance lipoprotein (LDL) receptor family, exhibits both overlapping and distinct properties with the LDL receptor-related protein. J. Biol. Chem. 276: 28889-28896, 2001. 2. Liu, C.-X., Musco, S., Lisitsina, N. M., Forgacs, E., Minna, J. D., Lisitsyn, N. A. LRP-DIT, a putative endocytic receptor gene, is frequently inactivated in non-small cell lung cancer cell lines. Cancer Res. 60: 1961-1967, 2000. 3. Liu, C.-X., Musco, S., Lisitsina, N. M., Yaklichkin, S. Y., Lisitsyn, N. A. Genomic organization of a new candidate tumor suppressor gene, LRP1B. Genomics 69: 271-274, 2000.</p> |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration: | 500 µg/mL |
| Buffer: | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. |

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.