

Datasheet for ABIN7600186  
**anti-LSR antibody (AA 16-633)**



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## Overview

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Quantity:            | 100 µg                                              |
| Target:              | LSR                                                 |
| Binding Specificity: | AA 16-633                                           |
| Reactivity:          | Human, Mouse, Rat                                   |
| Host:                | Rabbit                                              |
| Clonality:           | Polyclonal                                          |
| Conjugate:           | This LSR antibody is un-conjugated                  |
| Application:         | Western Blotting (WB), ELISA, Flow Cytometry (FACS) |

## Product Details

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| Purpose:                    | Anti-LSR Antibody Picoband®                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen:                  | E.coli-derived human LSR recombinant protein (Position: K16-E633).                                                                                                                                                                                                                                                                                                                                                          |
| Isotype:                    | IgG                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins.                                                                                                                                                                                                                                                                                                                                                                                    |
| Characteristics:            | Anti-LSR Antibody Picoband® (ABIN7600186). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Purification:               | Immunogen affinity purified.                                                                                                                                                                                                                                                                                                                                                                                                |

## Target Details

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| Target:           | LSR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Alternative Name: | LSR ( <a href="#">LSR Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Background:       | <p>Synonyms: Platelet basic protein, PBP, C-X-C motif chemokine 7, Leukocyte-derived growth factor, LDGF, Macrophage-derived growth factor, MDGF, Small-inducible cytokine B7, PPBP, CTAP3, CXCL7, SCYB7, TGB1, THBGB1, NAP-2</p> <p>Background: Lipolysis-stimulated lipoprotein receptor is a protein that in humans is encoded by the LSR gene. LSR has a probable role in the clearance of triglyceride-rich lipoprotein from blood. It binds chylomicrons, LDL and VLDL in presence of free fatty acids and allows their subsequent uptake in the cells.</p> |
| Molecular Weight: | 65 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene ID:          | 51599                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt:          | <a href="#">Q86X29</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Application Details

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| Application Notes: | <p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Gross, M. B. Personal Communication. Baltimore, Md. 9/30/2015. 2. Hemmasi, S., Czulkies, B. A., Schorch, B., Veit, A., Aktories, K., Papatheodorou, P. Interaction of the Clostridium difficile binary toxin CDT and its host cell receptor, lipolysis-stimulated lipoprotein receptor (LSR). J. Biol. Chem. 290: 14031-14044, 2015. 3. Masuda, S., Oda, Y., Sasaki, H., Ikenouchi, J., Higashi, T., Akashi, M., Nishi, E., Furuse, M. LSR defines cell corners for tricellular tight junction formation in epithelial cells. J. Cell Sci. 124: 548-555, 2011.</p> |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Handling

|                 |                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------|
| Format:         | Lyophilized                                                                               |
| Reconstitution: | Adding 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 Na <sub>2</sub> HPO <sub>4</sub> . |
| Storage:        | 4 °C, -20 °C                                                                              |

## Handling

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Storage Comment: 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 freezing and thawing.