## bs-16883R

## [ Primary Antibody ]

## LVRN Rabbit pAb



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|   |  | 400-901-9800                         |
|---|--|--------------------------------------|
| Host: Rabbit  | Isotype: IgG   | Applications: WB (1:500-2000)        |
| Clonality: Polyclonal   | -  | Reactivity: Human, Mouse             |
| GenelD: 206338  | SWISS: Q6Q4G3  | (predicted: Rat, Dog)                |
| Target: LVRN  |  |                                      |
| Immunogen: KLH conjugated s<br>501-600/990.   | nthetic peptide derived from human LVRN:   | Predicted<br>MW.: <sup>113 kDa</sup> |
| Purification: affinity purified by  | Protein A  | Cubastlaten                          |
| Concentration: 1mg/ml   |  | Location: Cell membrane              |
| <b>Storage:</b> 0.01M TBS (pH7.4)<br>Glycerol.<br>Shipped at 4°C. St<br>freeze/thaw cycle   | with 1% BSA, 0.02% Proclin300 and 50%<br>ore at -20°C for one year. Avoid repeated<br>s.   |                                      |
| Background: Laeverin is a 990 a<br>and contains an H<br>motif. Expressed s<br>extravillous troph<br>membrane and is<br>binds zinc and fur<br>aminopeptidase w<br>that laeverin may<br>EVTs invade mate<br>specifically, laeve<br>key peptides at th<br>broad substrate s<br>methylcoumaryl-<br>homodimer with i | mino acid member of the peptidase M1 family<br>EXXHX18E gluzincin motif and an H(G)AMEN<br>pecifically in placenta on embryo-derived<br>oblasts (EVTs), laeverin localizes to the cell<br>a single-pass type II membrane protein. Laeverin<br>ictions as a bestatin-sensitive leucine<br>with a potential role in EVT function. This suggests<br>be involved in human placentation, during which<br>rnal decidua and spiral areteries. More<br>rin may function by regulating the activities of<br>e embryo-maternal interface. Laeverin has a<br>pecificity but exhibits a preference for Leu-4-<br>'-amide. In addition, laeverin can form a<br>ntermolecular disulfide bond(s). |                                      |

## - VALIDATION IMAGES -



Sample: Lane 1: Mouse Placenta tissue lysates Lane 2: Human THP-1 cell lysates Lane 3: Human JAR cell lysates Primary: Anti-Laeverin/Aminopeptidase Q (bs-16883R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 113 kDa Observed band size: 120 kDa