

Goat anti-Ramp1 (C-Term., mouse) Antibody

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| Item Number | dAP-1495 |
| Target Molecule | Principle Name: Ramp1 (C-Term., mouse); Official Symbol: Ramp1; All Names and Symbols: Ramp1; receptor (calcitonin) activity modifying protein 1; 9130218E19Rik, MGC38240; receptor-activity modifying protein 1; Accession Number (s): NP_058590.1; NP_848488.2; Human Gene ID(s): 10267; Non-Human GenelD(s): 51801 (mouse) 58965 (rat) |
| Immunogen | DYQSKRTEGIV, is from C Terminus This antibody is expected to recognize isoform 1 (NP_058590.1) only. |
| Applications | Pep ELISA, WB Species Tested: Rat |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 64000. |
| Western Blot | Western Blot: Experiments gave bands at approx. 18kDa and 40kDa in Rat Brain lysate after 0.3μg/ml antibody staining. The appearance of a band with much higher molecular weight corresponds to earlier findings in literature with different antibodies (Hila |
| IHC | |
| Reference | Reference(s): Tsujikawa K, Yayama K, Hayashi T, Matsushita H, Yamaguchi T, Shigeno T, Ogitani Y, Hirayama M, Kato T, Fukada S, Takatori S, Kawasaki H, Okamoto H, Ikawa M, Okabe M, Yamamoto H. Hypertension and dysregulated proinflammatory cytokine production in receptor activity-modifying protein 1 |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**