



Goat anti-MRGPRX3 / MRGX3 Antibody

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| Item Number | dAP-1788 |
| Target Molecule | Principle Name: MRGPRX3 / MRGX3; Official Symbol: MRGPRX3; All Names and Symbols: MRGPRX3; MAS-related GPR, member X3; GPCR; MRGX3; SNSR1; G protein-coupled receptor MRGX3; G protein-coupled receptor SNSR1; G protein-coupled receptor SNSR2; mas-related GPCR member X3; Accession Number (s): NP_473372.2; Human Gene ID(s): 117195; Non-Human GeneID(s): |
| Immunogen | QLPQETLELSGSRL, is from Internal region This antibody may cross-react with human MRGPRX1 and X4 (GeneID: 259249, 117196; MW: 36.25kDa and 36.43kDa). |
| Applications | Pep ELISA Species Tested: |
| 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 4000. |
| Western Blot | Western Blot: Not yet tested. At this stage we are dependent on researchers in the field for further characterization of this product. Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product. We would appreciate any |
| IHC | |
| Reference | Reference(s): Kaisho Y, Watanabe T, Nakata M, Yano T, Yasuhara Y, Shimakawa K, Mori I, Sakura Y, Terao Y, Matsui H, Taketomi S. Transgenic rats overexpressing the human MrgX3 gene show cataracts and an abnormal skin phenotype. Biochemical and biophysical research communications 2005 May 330 |

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 ender users! This product is sold for **Research Use Only**