

Goat anti-histamine H3 receptor Antibody

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| Item Number | dAP-2726 |
| Target Molecule | Principle Name: histamine H3 receptor; Official Symbol: HRH3; All Names and Symbols: HRH3; histamine receptor H3; GPCR97; HH3R; G protein-coupled receptor 97; G-protein coupled receptor 97; H3R; OT-THUMP00000031459; histamine H3 receptor; Accession Number (s): NP_009163.2; Human Gene ID(s): 11255; Non-Human GeneID(s): 99296 (mouse) 85268 (rat) |
| Immunogen | SVTRAVSYRAQQGDT, is from internal region |
| Applications | Pep ELISA, WB Species Tested: Human |
| 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 128000. |
| Western Blot | Western Blot: Approx 48kDa band observed in lysates of cell line A549 (calculated MW of 48.7kDa according to NP_009163.2). Recommended concentration: 0.1-0.3µg/ml. |
| IHC | |
| Reference | Reference(s): Kuramasu A, Sukegawa J, Sato T, Sakurai E, Watanabe T, Yanagisawa T, Yanai K. The hydrophobic amino acids in putative helix 8 in carboxy-terminus of histamine H(3) receptor are involved in receptor-G-protein coupling. Cell Signal. 2011 Nov;23(11):1843-9..PMID: 21749919-> |

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**