

## Goat anti-TAS1R2 / GPR71 Antibody

Item Number	dAP-1304
Target Molecule	Principle Name: TAS1R2 / GPR71; Official Symbol: TAS1R2; All Names and Symbols: TAS1R2; GPR71; taste receptor, type 1, member 2; T1R2; TR2; G protein-coupled receptor 71; Accession Number (s): NP_689418.2; Human Gene ID(s): 80834; Non-Human GeneID(s):
Immunogen	CSKRCQSGQKKKP, 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 32000.
Western Blot	Western Blot: Approx 100kDa band observed in Human Pancreas lysates (calculated MW of 95.2kDa according to NP_689418.2). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Jang HJ, Kokrashvili Z, Theodorakis MJ, Carlson OD, Kim BJ, Zhou J, Kim HH, Xu X, Chan SL, Juhaszova M, Bernier M, Mosinger B, Margolskee RF, Egan JM. Gut-expressed gustducin and taste receptors regulate secretion of glucagon-like peptide-1. Proc Natl Acad Sci U S A. 2007 Sep 18;104

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**