

## Goat anti-CCKBR Antibody

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| <b>Item Number</b>     | dAP-0797  |
| <b>Target Molecule</b> | Principle Name: CCKBR; Official Symbol: CCKBR; All Names and Symbols: CCKBR; cholecystokinin B receptor ; HGNC:1571; CCK-B; GASR; CCK2 receptor; cholecystokinin-B receptor/gastrin receptor; gastrin receptor; gastrin\cholecystokinin brain receptor; CCK2R; Accession Number (s): NP_795344.1; Human Gene ID(s): 887; Non-Human GeneID(s): 12426 (mouse) 25706 (rat) |
| <b>Immunogen</b>       | FDGSDSDSQSRVRNQ, is from internal region  |
| <b>Applications</b>    | Pep ELISA, WB, IHC<br>Species Tested: Human, Mouse  |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Supplied As</b>     | 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 16000.  |
| <b>Western Blot</b>    | Western Blot: Approx 80kDa band observed in Mouse Pancreas and Rat Stomach lysates (calculated MW of 49.2kDa according to Mouse NP_031653.1 and 49.0kDa according to Rat NP_037297.1). The observed molecular weight also corresponds to earlier findings in I  |
| <b>IHC</b>             | Immunohistochemistry: Paraffin embedded Human Uterus. Recommended concentration: 5µg/ml. In paraffin embedded Human Pancreas expression of CCKBR is detected in islet cells, and not in surrounding acinar cells. Recommended concentration: 6µg/ml.  |
| <b>Reference</b>       | Reference(s): Olszewska-Pazdrak B, Townsend CM Jr, Hellmich MR. Agonist-independent activation of Src tyrosine kinase by a cholecystokinin-2 (CCK2) receptor splice variant. J Biol Chem. 2004 Sep 24;279(39):40400-4. Epub 2004 Jul 29. .PMID: 15292208 ->   |

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**