

## Goat anti-Leptin Receptor Antibody

<b>Item Number</b>	dAP-0855
<b>Target Molecule</b>	Principle Name: Leptin Receptor; Official Symbol: LEPR; All Names and Symbols: LEPR ; leptin receptor ; CD295; OBR ; OB receptor; LeprB; Accession Number (s): NP_002294.2; NP_001003679.1; NP_001003680.1; Human Gene ID(s): 3953; Non-Human GeneID(s):
<b>Immunogen</b>	TQDDIEKHQSDAG, is from internal region This antibody is expected to recognise all three reported isoforms (NP_002294.2; NP_001003679.1; NP_001003680.1).
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human, Mouse, Rat
<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. 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 150kDa band observed in Human, Mouse and Rat Brain lysates (calculated MW of 132kDa according to Human NP_002294.2 and 130.8kDa according to Mouse NP_666258.2 and Rat NP_036728.1). The observed molecular weight corresponds to earlier
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Liver and Heart. Recommended concentration: 4µg/ml.
<b>Reference</b>	Reference(s): Snoussi K, Strosberg AD, Bouaouina N, Ben Ahmed S, Helal AN, Chouchane L. Leptin and leptin receptor polymorphisms are associated with increased risk and poor prognosis of breast carcinoma. BMC Cancer. 2006 Feb 20;6:38. .PMID: 16504019 ->

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**