

Goat anti-LHCGR Antibody

Item Number	dAP-1003
Target Molecule	Principle Name: LHCGR; Official Symbol: LHCGR; All Names and Symbols: LHCGR; luteinizing hormone/choriogonadotropin receptor ; LCGR; LGR2; LHR; hLHR ; luteinizing hormone receptor; lutropin/choriogonadotropin receptor; LH receptor; CG receptor; Accession Number (s): NP_000224.2; Human Gene ID(s): 3973; Non-Human GeneID(s):
Immunogen	CQGTALLDKTRYTE, is from C Terminus
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 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 35kDa band in lysates of Human Brain, Placenta and Prostate and of cell lines Daudi, HeLa and K562 after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature.
IHC	
Reference	Reference(s): Bukovsky A, Indrapichate K, Fujiwara H, Cekanova M, Ayala ME, Dominguez R, Caudle MR, Wimalsena J, Elder RF, Copas P, Foster JS, Fernando RI, Henley DC, Upadhyaya NB. Multiple luteinizing hormone receptor (LHR) protein variants, interspecies reactivity of anti-LHR mAb clone 3B5, subcellular

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**