



## Goat anti-GPR94 / TRA1 Antibody

<b>Item Number</b>	dAP-0881
<b>Target Molecule</b>	Principle Name: GPR94 / TRA1; Official Symbol: HSP90B1; All Names and Symbols: TRA1; GRP94; tumor rejection antigen (gp96) 1 ; HGNC:12028; ECGP; GP96; Tumor rejection antigen-1 (gp96); endothelial cell (HBMEC) glycoprotein; glucose regulated protein, 94 kDa; tumor rejection antigen (gp96) 1; Accession Number (s): NP_003290.1; Human Gene ID(s): 7184; Non-Human GeneID(s): 22027 (mouse) 362862 (rat)
<b>Immunogen</b>	KEGVKFDSEKTKE, is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC 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. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 100kDa band observed in lysates of cell lines NIH3T3 (calculated MW of 92.5kDa according to NP_003290.1). Recommended concentration: 0.01-0.03µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Liver shows staining in some hepatocyte nuclei and weak cytoplasm staining of hepatocytes. Paraffin embedded Human Uterus. Recommended concentration: 3-5µg/ml.
<b>Reference</b>	Reference(s): Stojkovic M, Lako M, Stojkovic P, Stewart R, Przyborski S, Armstrong L, Evans J, Herbert M, Hyslop L, Ahmad S, Murdoch A, Strachan T. Derivation of human embryonic stem cells from day-8 blastocysts recovered after three-step in vitro culture. Stem Cells. 2004;22(5):790-7. .PMID: 15342943 ->

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**