

RABBIT ANTI-GOAT IGG ANTIBODY HRP CONJUGATED

SKU: EB2ND-001-HRP



SPECIFICATIONS

Unit Size	1mg
Storage Instructions	Store at 4°C prior to restoration. Restore with 1.0ml of deionized water (or equivalent). For extended storage, aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Centrifuge the product if the restored solution does not become clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one year after date of restoration. After restoration with deionized water as above, concentration will be 1mg/ml antibody, 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 with 10mg/ml Bovine Serum Albumin (BSA) and 0.01% (w/v) Gentamicin Sulfate.
Usage Summary	Suitable for immunoblot (western or dotblot), ELISA, and other peroxidase-based immunoassays. ELISA: 1:120,000 WB: 1:2,000 - 1: 40,000 (routinely used at 1:40,000 in our labs using ECL Plus substrate) IHC: 1:1,000 - 1:5,000
Product Comments	This secondary antibody has been successfully used in Western blot on Mouse: Meng-Na Wu et al. (2021) Oncogenic tuftelin 1 as a potential molecular-targeted for inhibiting hepatocellular carcinoma growth. World J Gastroenterol. 2021 Jun 21; 27(23): 3327-3341. PMID: 34163115. This secondary antibody has been successfully used in Western blot on Mouse: Seung Seob Son et al. (2020) Paclitaxel Ameliorates Palmitate-Induced Injury in Mouse Podocytes. Med Sci Monit Basic Res . 2020; 26: e928265-1-e928265-10. PMID: 33323915. This secondary antibody has been successfully used in the following paper: Min Yao et al. (2016) IGF-I receptor as an emerging potential molecular-targeted for hepatocellular carcinoma in vitro and in vivo. Tumour Biol. 2016 Nov;37(11):14677-14686. PMID: 27623941. This secondary antibody has been successfully used in the following paper: Betsy B Dokken et al. (2013) Glucagon-like peptide-1 preserves coronary microvascular endothelial function after cardiac arrest and resuscitation: potential antioxidant effects. Am J Physiol Heart Circ Physiol . 2013 Feb 15;304(4):H538-46. PMID: 23241323. This product was prepared from monospecific rabbit antiserum by immunoaffinity chromatography using goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Purification Method	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-rabbit serum, goat IgG and goat serum. No reaction was observed against mouse, rat or human serum proteins. It was conjugated to Horseradish Peroxidase according to Farr & Nakane, J. Immunol. Methods 47; 129-144, 1981. Stabiliser: Bovine Serum Albumin (BSA), IgG and protease-free. Preservative: Gentamicin Sulfate.
Shipping Instructions	Refrigerated
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

SELECTED REFERENCES

[{"pmid": 33323915, "intro": "This product has been successfully used for Western blot on Mouse", "title": "Paclitaxel Ameliorates Palmitate-Induced Injury in Mouse Podocytes", "author": "Seung Seob Son, Jeong Suk Kang and Eun Young Lee\r\n", "journal": "Med Sci Monit Basic Res. 2020; 26: e928265-1-e928265-10"}]