

Product Datasheet

Goat Rat IgG (H&L) Antibody (HRP) (orb1236947)

Catalog Number	orb1236947
Category	Antibodies
Description	Goat Rat IgG (H&L) Antibody (HRP)
Species/Host	Goat
Isotype	IgG
Conjugation	HRP
Reactivity	Rat
Form/Appearance	Lyophilized
Buffer/Preservatives	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2; 10 mg/mL Bovine Serum Albumin (rAlbumin); 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Purification	Peroxidase Conjugated Affinity Purified anti-Rat IgG was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rat IgG and Rat Serum. No reaction was observed against Human Serum Proteins.
Immunogen	Rat IgG - whole molecule
Tested applications	ELISA, IHC, WB

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Application notes	Peroxidase Conjugated Affinity Purified anti-Rat IgG is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. Recommended dilutions are as follows, ELISA 1:50,000 - 1:250,000, Western Blot 1:5,000 - 1:25,000, Immunohistochemistry 1:1,000 - 1:5,000. (Optimal dilution should be determined by user).
Specificity	Minimum Cross reactivity to Human Serum Proteins
Antibody Type	Secondary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

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