Product Datasheet

Goat Anti-Rabbit IgG (H&L)- Polymer Antibody (HRP) (orb1878758)

Catalog Number	orb1878758
Category	Antibodies
Description	The Goat Rabbit IgG (H&L)-HRP Polymer Antibody is suitable for ELISA, ICC, IHC, WB. It is a Polyclonal, HRP conjugated antibody which raised against Rabbit IgG. Purification: Goat Polyclonal Secondary Antibody to Rabbit IgG (H&L) have been cross-adsorbed against IgG from bovine, goat, guinea pig, hamster, horse, mouse, rat, and human. Cross-adsorption or pre-adsorption is a purification step to increase specificity of the antibody resulting in less background staining and cross-reactivity. The secondary antibody solution is passed through a column matrix containing immobilized serum proteins from potentially cross-reactive species. Only the nonspecific-binding secondary antibodies are captured in the column, and the highly specific secondaries flow through. Further passages through additional columns result in highly cross-adsorbed preparations of secondary antibody. The benefits of these extra steps are apparent in multiplexing/multicolor-staining experiments where there is potential cross-reactivity with other primary antibodies or in tissue/cell fluorescent staining experiments where there may be the presence of endogenous immunoglobulins.
Clonality	Polyclonal
Species/Host	Goat
Conjugation	HRP
Reactivity	Rabbit
Form/Appearance	Liquid
Buffer/Preservatives	0.01M Phosphate Buffered Saline, pH 7.2, containing 1% rAlbumin, 50% glycerol, 0.05% Proclin

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Purification	Goat Polyclonal Secondary Antibody to Rabbit IgG (H&L) have been cross-adsorbed against IgG from bovine, goat, guinea pig, hamster, horse, mouse, rat, and human. Cross-adsorption or pre-adsorption is a purification step to increase specificity of the antibody resulting in less background staining and cross-reactivity. The secondary antibody solution is passed through a column matrix containing immobilized serum proteins from potentially cross-reactive species. Only the nonspecific-binding secondary antibodies are captured in the column, and the highly specific secondaries flow through. Further passages through additional columns result in highly cross-adsorbed preparations of secondary antibody. The benefits of these extra steps are apparent in multiplexing/multicolor-staining experiments where there is potential cross-reactivity with other primary antibodies or in tissue/cell fluorescent staining experiments where there may be the presence of endogenous immunoglobulins.
Immunogen	Rabbit IgG
Tested applications	ELISA, ICC, IHC, WB
Dilution range	E (1/5000 - 1/20000), WB (1/5000 - 1/20000), IH (1/100 - 1/500), IC (1/100 - 1/500)
Specificity	By immunoelectrophoresis and ELISA this antibody reacts specifically with Rabbit IgG. No antibody was detected against non immunoglobulin serum proteins.
Antibody Type	Secondary Antibody
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

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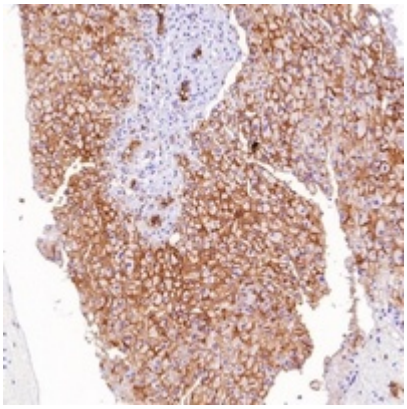

Immunohistochemical analysis staining in human liver carcinoma formalin fixed paraffin-embedded tissue section. The section was pre-treated using pressure cooker heat antigen retrieval with sodium citrate buffer (0.01 M, pH = 6) for 3 minutes. The section was detected using rabbit primary antibody, and Goat Anti-Rabbit IgG (H&L)-HRP polymer. The section was then counterstained with haematoxylin and mounted with Neutral Gum.

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