Sheep anti-Rat IgG (H+L) Secondary Antibody, HRP

Product Details

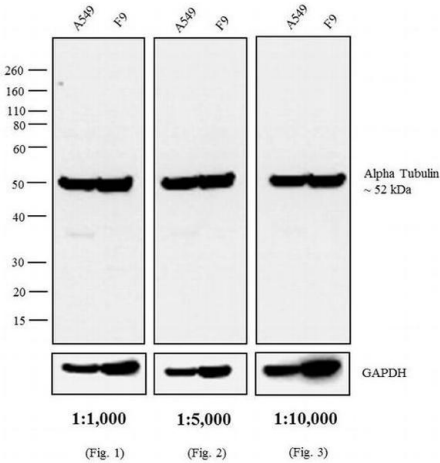|	
Size	1 mg
Species Reactivity	Rat
Host/Isotype	Sheep / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	HRP
Immunogen	Rat IgG whole molecule
Form	Liquid
Concentration	2 mg/mL
Purification	IgG fraction
Storage buffer	0.02M potassium phosphate, pH 7.2, with 0.15M NaCl, 10mg/mL BSA
Contains	0.01% gentamicin sulfate
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10979296

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:10,000	-
Immunohistochemistry (IHC)	1:500-1:2,500	-
ELISA (ELISA)	1:60,000-1:100,000	-

Product Specific Information

PA1-28642 detects Rat IgG from rat samples.

Support (US): 1 800 955 6288
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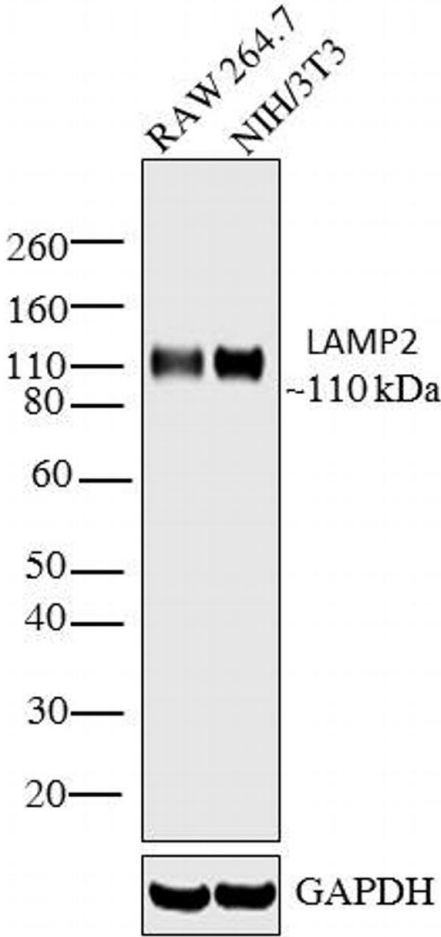# Product Images For Sheep anti-Rat IgG (H+L) Secondary Antibody, HRP

Rat IgG (H+L) Secondary Antibody (PA1-28642) in WB

Western blot analysis was performed on whole cell extracts (30 μg lysate) of A549 (Lane 1) and F9 (Lane 2). The blots were probed with Anti-Alpha Tubulin Rat Monoclonal Antibody (Product # MA1-80017, 1 μg/mL) and detected by chemiluminescence using Sheep anti-Rat IgG Secondary Antibody, HRP (Product # PA1-28642) at dilutions 1:1,000 (Fig. 1), 1:5,000 (Fig. 2) and 1:10,000 (Fig. 3). A 52 kDa band corresponding to Alpha Tubulin was observed across the cell lines tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary antibody after blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).

Rat IgG (H+L) Secondary Antibody (PA1-28642) in WB

Western blot analysis was performed on membrane enriched extracts (30 μg lysate) of RAW 264.7 (Lane 1) and NIH/3T3 (Lane 2). The blots were probed with Anti-LAMP2 Monoclonal Antibody (Product # MA5-17861, 1:1000 dilution) and detected by chemiluminescence using Sheep anti-Rat IgG Secondary Antibody, HRP conjugate (Product # PA1-28642, 0.2 μg/mL, 1:5000 dilution). A 110 kDa band corresponding to glycosylated form of LAMP2 was observed across cell lines tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5% skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).

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