

# Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 790

Product Details	
Size	1 mg
Species Reactivity	Rabbit
Host/Isotype	Donkey / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 790
Excitation/Emission Max	782/805 nm
Immunogen	Gamma Immunoglobulin
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4°C, store in dark
RRID	AB_2534145

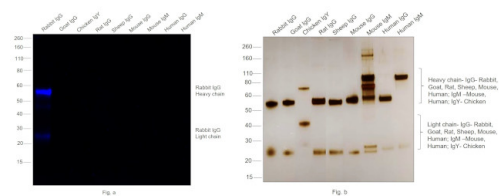
Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:50,000	0 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	-
Miscellaneous PubMed (Misc)	-	0 Publication

## Product Specific Information

This secondary antibody is designed for fluorescent Western blot detection on various near-infrared fluorescence instruments. This antibody can be used for multi-color and multiplexing detection when using other antibodies conjugated to compatible Alexa Fluor™ dyes and wavelengths. Other applications of this antibody include immunofluorescent and fluorescent imaging applications when using instrumentation with appropriate excitation and detection capabilities. This antibody shows minimum cross-reactivity to bovine, chicken, goat, guinea pig, hamster, horse, human, rabbit, rat, and sheep serum proteins.

Product will be shipped at Room Temperature.

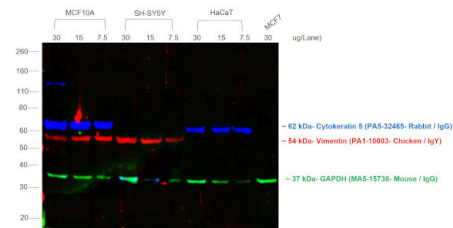
Product Images For Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 790



**Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A11374)**  
Specificity of secondary antibody was demonstrated by specific detection of the target immunoglobulin. Antibody specificity was demonstrated by specific detection of Rabbit IgG. Bands at ~55 and 25 kDa corresponding to Rabbit IgG Heavy and Light Chain were observed in Rabbit IgG but not in other species using Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 790 (Product # A11374) in Western Blot. {RE}

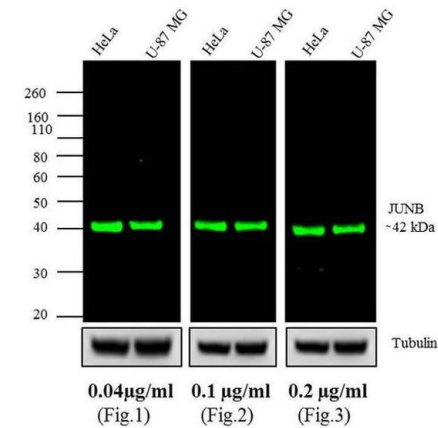
**Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A11374) in WB**

Multiplexed fluorescent western blot was performed using Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 790 (Product # A11374). Whole cell extracts of MCF 10A (Lane 1, 2, 3), SH-SY5Y (Lane 4, 5, 6), HaCaT (7, 8, 9) and MCF7 (Lane 10) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03222BOX). Resolved proteins were transferred onto nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with Cytokeratin 5 Rabbit Polyclonal Antibody (Product # PA5-32465), Vimentin Chicken IgY Polyclonal Antibody (Product # PA1-10003), and GAPDH Loading Control Monoclonal Antibody (GA1R) (Product # MA5-15738). Secondary antibodies (Product # A11374), (Product # A-21103) and (Product # A32766) were used for detection of Cytokeratin 5, Vimentin and GAPDH respectively. Fluorescent detection was performed using iBright™ FL1500 (Product # A44115). The anti-rabbit secondary antibody (Product # A11374) specifically detects the rabbit primary antibody and not the mouse and rabbit primary antibodies.



**Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A11374) in WB**

Western blot analysis was performed on nuclear enriched extracts (30 µg lysate) of HeLa (Lane 1) and U-87 MG (Lane 2). The blots were probed with Anti-JUNB Recombinant Rabbit Monoclonal Antibody (Product # 701702, 2 µg/mL) and detected using Donkey Anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor 790 (Product # A11374) at concentrations 0.04 µg/mL (Fig. 1), 0.1 µg/mL (Fig. 2) and 0.2 µg/mL (Fig. 3). A 42 kDa band corresponding to JUNB was observed. Known quantity of protein samples were electrophoresed using Novex® NuPAGE®12 % Bis-Tris gel (Product # NP0342BOX), 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. Fluorescent detection was performed using the Odyssey® Fc imaging system (Li-cor Biosciences).



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## 38 References

Molecular mechanisms of CAND2 in regulating SCF ubiquitin ligases. Nat Commun (2025)

Single-cell multiome analysis supports -to- transdifferentiation in human pancreas bioRxiv (2025)

Whole-exome sequencing reveals known and candidate genes for hearing impairment in Mali. HGG Adv (2025)

The Cul3 ubiquitin ligase engages Insomniac as an adaptor to impact sleep and synaptic homeostasis. PLoS Genet (2025)

An anterior hypothalamic circuit gates stress vulnerability bioRxiv (2024)

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