



Quanta BioDesign, Ltd

7500 Montgomery Drive,
Plain City, Ohio 43064

Office 614.792.2958

Fax 614.760.9781

QuantaBioDesign.com

AQ LIFE SCIENCES
A DIVISION OF QUANTA BIODESIGN LIMITED

Product Number: AQ-30056

Goat anti-Rabbit IgG (H&L), AQUora® 750 min X Mouse, Human, Bovine, Horse *Min X Mouse, Human, Bovine, Horse*

AQUora® 750-labeled Goat anti-Rabbit IgG (H&L) adsorbed to mouse, human, bovine and horse IgG is useful in fluorescent-based immunodetection applications. The adsorption profile (mouse, human, bovine, horse) makes this product suitable for multiplexing in immunofluorescent applications, fluorescent immunostaining of mouse and human tissues, and applications using either bovine or horse serum in medias or buffers. The Goat anti-Rabbit antibody has been covalently labeled with near IR fluorochrome utilizing our exclusive SuperHydrophilic technology, resulting in improved solubility, limited non-specific binding, and improved signal-to-noise ratios compared to the classical near IR dye labeled antibodies (Alexa Fluor® 750, Cy7, DyLight® 755, and DyLight® 755 4x PEG), while maintaining identical photophysical properties. This AQUora® 750-labeled Goat anti-Rabbit IgG (H&L) is useful in fluorescent western blots and flow cytometry.

Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific.

Product Number:	AQ-30056
Concentration:	1 mg/ml
Buffer:	PBS, pH 7.2, with 1% BSA, and other proprietary stabilizers
Preservative:	0.1% Kathon CG/ICP
Storage and Handling:	Store at 4°C for up to 12 months. To extend shelf life, aliquot and store at -20°C or below and avoid repeated freeze-thaw cycles. Alternatively, add an equal volume of molecular biology grade glycerol (50% final concentration) and store at -20°C as a liquid. Protect from light.

Antibody Information

Target Antigen:	Rabbit IgG (H&L)
Host:	Goat
Clonality:	Polyclonal
Minimal Cross Reactivity to:	Mouse, Human, Bovine, Horse
Antibody Country of Origin:	United States of America

Label Information

Excitation / Emission Maximum (nm):	AQUora® 750 755nm/780nm
Spectrally Similar Dyes:	Alexa Fluor® 750, Cy7, DyLight® 755, and Dylight® 4x PEG

FOR RESEARCH USE ONLY. THIS PRODUCT IS A LABORATORY REAGENT AND IS NOT TO BE ADMINISTERED TO HUMANS OR ANIMALS. IT IS NOT TO BE USED FOR ANY DIAGNOSTIC OR THERAPEUTIC PURPOSE. NOT FOR RESALE.

SuperHydrophilic™ is a trademark of Quanta BioDesign, Ltd. dPEG®, AQUora®, Q-Bright®, AQ®, Q-Link®, and Q-Tag® are all registered trademarks of Quanta BioDesign, Ltd.