EasyBlot anti-Rabbit IgG Kit (Optimized for Prot A/G)

Cat. No. GTX225856-01

Applications	WB
Reactivity	Rabbit

References (11)
Package
250 µl, 50 µl

PRODUCT

Content

EasyBlot Kit Package	Content	Package	Storage Temp
GTX225856-01 (250µl)	GTX221666-01 EasyBlot anti Rabbit IgG (HRP)	250µl	-20 °C
	GTX425858 EasyBlocker	60g	4 °C
GTX225856-01 (50µl)	GTX221666-01 EasyBlot anti Rabbit IgG (HRP)	50µl	-20 °C
	GTX425858 EasyBlocker	12g	4 °C

Summary

EasyBlot anti-Rabbit IgG is an HRP-conjugated second step reagent that specifically reacts with the native, non-reduced form of rabbit IgG and does not bind to the reduced, denatured form. Using Easyblot decreases the interference caused by the heavy (~50 kDa) and light chains (~25 kDa) of the IgG used for immunoprecipitation (IP).

The protein A/G beads used in the IP procedure sometimes bind to IgG and produce contaminating signals at approximately 50 kDa and 25 kDa. This kit also includes an EasyBlocker (GTX425858) that can minimize the background caused by Protein A/G contamination. GeneTex's EasyBlot kit is simple to use and detects only the target band in your IP experiments, resulting in cleaner western blots.

Applications

Application Note

Suggested starting dilutions for WB is 1:1000. Use 2-5 µg of the IP antibody; do not exceed 5 µg. Completely reduce all IP samples by 100mM DTT (fresh prepared). For further detail, please refer to the protocol.Not yet tested in other applications. Optimal working dilutions should be determined experimentally by the end user.

Properties

Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.318 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Affinity purified by Protein G.
Conjugation	Horseradish peroxidase(HRP)

For full product information, images and publications, please visit our website.

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Note

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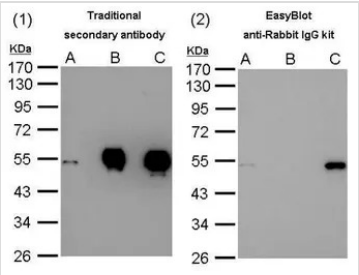
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX225856-01 WB Image

Comparison of western blot analysis after immunoprecipitation with traditional secondary antibody (1) and EasyBlot anti-Rabbit IgG kit (GTX225856-01)(2). (A) Input, 20ug of HCT116 lysate. (B) and (C): HCT116 lysates were immunoprecipitated using 2.5 ug of normal rabbit IgG (B) or anti-p53 antibody (GTX102965) (C).
The precipitated protein was detected by GTX102965 diluted at 1:10000.

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