

# donkey anti-goat IgG-HRP: sc-2020

## BACKGROUND

Santa Cruz Biotechnology's secondary antibodies are available conjugated to either an enzyme, biotin or fluorophore for use in a variety of antibody-based applications including Western Blot, immunostaining, flow cytometry and ELISA. We offer conventional horseradish peroxidase (HRP) and alkaline phosphatase (AP) conjugated secondary antibodies for detection of mouse, goat, rabbit, bovine, chicken, guinea pig, horse, sheep, swine, Syrian hamster, Armenian hamster and turkey immunoglobulin in Western Blot and ELISA. Pre-adsorbed HRP and AP secondary antibodies are also available and are recommended for use with immunoglobulin-rich samples.

## SOURCE

donkey anti-goat IgG-HRP is an affinity purified secondary antibody raised in donkey against whole goat IgG and conjugated to HRP (horseradish peroxidase).

## PRODUCT

Each vial contains 200 µg IgG in 0.5 ml of 1X PBS containing 40% glycerol.

## APPLICATIONS

donkey anti-goat IgG-HRP is recommended for detection of goat IgG by Western Blotting (starting dilution: 1:5000, dilution range 1:5000-1:10000; optimal dilution to be determined by titration).

## RECOMMENDED SUPPORT PRODUCTS

- Western Blotting Luminol Reagent, for 2,000 cm<sup>2</sup> membrane area: sc-2048
- RIPA Lysis Buffer, 50 ml, cell lysis buffer with protease inhibitors: sc-24948
- Electrophoresis Sample Buffer, 2X, 25 ml, reducing buffer: sc-24945
- Complete™ Protease Inhibitor Cocktail Tablet, 20 tablets: sc-29130
- Running Buffer, 10X, 1 L, TRIS-Glycine WB running buffer, pH 8.3: sc-24949
- Towbin, with SDS, 10X, 1 L, WB transfer buffer pH 8.3: sc-24954
- Bovine Serum Albumin (BSA), 100 g, blocking/incubation agent: sc-2323
- TBS Blotto A, lyophilized powder in single-use bottle: sc-2333
- UltraCruz™ PVDF Transfer Membrane, 0.45 µm, 30 cm x 3 m roll: sc-3723
- UltraCruz™ Nitrocellulose Pure Transfer Membrane, 0.22 µm, 30 cm x 3 m roll: sc-3718
- UltraCruz™ Tissue Culture Dish, 100 mm polystyrene dish: sc-200286
- UltraCruz™ Cell Scrapers, 25 cm, sterile, 100 per case: sc-213229
- UltraCruz™ Electrophoresis Cell: sc-201625: runs up to 10 or 15 sample by SDS – PAGE protein electrophoresis
- UltraCruz™ Autoradiography Film, Blue, 8 x 1, 100 sheets: sc-201697
- UltraCruz™ Gel Incubation Trays, 100 per pack: sc-201755 (blue), sc-201756 (green), sc-201757 (pink), sc-201758 (yellow), sc-201759 (orange)

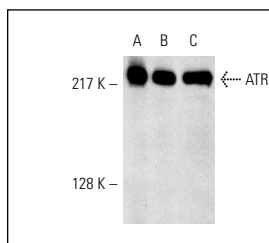
## STORAGE

Store at 4° C, \*\*DO NOT FREEZE\*\*. Stable for one year from the date of shipment.

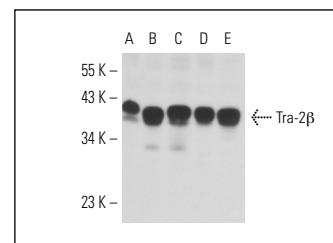
## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## DATA



donkey anti-goat IgG-HRP: sc-2020. Western blot analysis of ATR expression in HeLa (A), A-431 (B) and K-562 (C) whole cell lysates. Antibody tested: ATR (N-19): sc-1887.



donkey anti-goat IgG-HRP: sc-2020. Western blot analysis of Tra-2β expression in HeLa (A), IMR-32 (B), SK-N-MC (C), K-562 (D) and HL-60 (E) nuclear extracts. Antibody tested: Tra-2β (S-18): sc-33318.

## SELECT PRODUCT CITATIONS

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- Huck, B., et al. 2012. GIT1 phosphorylation on serine 46 by PKD3 regulates paxillin trafficking and cellular protrusive activity. *J. Biol. Chem.* 287: 34604-34613.
- Biasi, F., et al. 2012. Evidence of cell damage induced by major components of a diet-compatible mixture of oxysterols in human colon cancer CaCo-2 cell line. *Biochimie* 95: 632-640.
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