

# goat anti-rabbit IgG-HRP: sc-2030

## 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 Cruz Marker™ compatible secondary antibodies, which are used in conjunction with Santa Cruz Biotechnology's Cruz Marker™ molecular weight standards. Cruz Marker™ compatible secondary antibodies recognize an epitope common to each of the Cruz Marker™ molecular weight standards and are provided as horseradish peroxidase (HRP) and alkaline phosphatase (AP) conjugated secondary antibodies for detection of mouse, goat, rabbit and rat primary antibodies. Pre-adsorbed HRP and AP conjugated Cruz Marker™ compatible secondary antibodies are also available and are recommended for use with immunoglobulin-rich samples.

## SOURCE

goat anti-rabbit IgG-HRP is a CruzMarker™ compatible, affinity purified secondary antibody raised in goat against rabbit 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

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

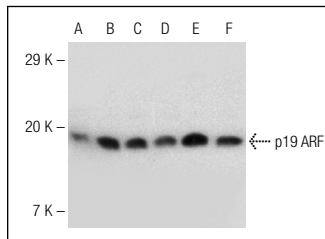
## RECOMMENDED SUPPORT PRODUCTS

- UltraCruz™ Tissue Culture Dish, 100 mm polystyrene dish: sc-200286
- UltraCruz™ Cell Scrapers, 25 cm, sterile, 100 per case: sc-213229
- RIPA Lysis Buffer, 50 ml, cell lysis buffer with protease inhibitors: sc-24948
- Complete™ Protease Inhibitor Cocktail Tablet, 20 tablets: sc-29130
- Electrophoresis Sample Buffer, 2X, 25 ml, reducing buffer: sc-24945
- 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
- Cruz Blot-A: sc-3901 (Western blotting membrane with human cell line extracts from 10 different cell types)
- 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
- Western Blotting Luminol Reagent, for 2,000 cm<sup>2</sup> membrane area: sc-2048
- 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
- Cruz Marker™ Molecular Weight Standards, for 50 gels: sc-2035

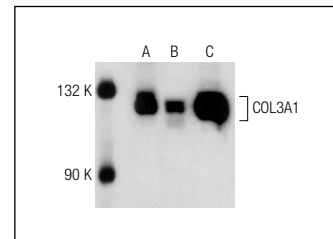
## STORAGE

Store at 4° C, \*\*DO NOT FREEZE\*\*. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## DATA



goat anti-rabbit IgG-HRP: sc-2030. Western blot analysis of p19 ARF expression in C3H/10T1/2 (A), NIH/3T3 (B), 3T3-L1 (C), MH-S (D), AMJ2-C8 (E) and I-11.15 (F) whole cell lysates. Antibody tested: p19 ARF (M-60): sc-22784.



goat anti-rabbit IgG-HRP: sc-2030. Western blot analysis of COL3A1 expression in Hs68 (A), HeLa (B) and An3 CA (C) whole cell lysates. Antibody tested: COL3A1 (S-17)-R: sc-8780-R.

## SELECT PRODUCT CITATIONS

1. Mehlmann, L.M., et al. 1998. SH2 domain-mediated activation of phospholipase C $\gamma$  is not required to initiate Ca<sup>2+</sup> release at fertilization of mouse eggs. *Dev. Biol.* 203: 221-232.
2. Olanas, M.C., et al. 2011. Regulation of PI3K/Akt signaling by N-desmethyloclozapine through activation of  $\delta$ -opioid receptor. *Eur. J. Pharmacol.* 660: 341-350.
3. Lazzari, C., et al. 2011. Cellular prion protein is implicated in the regulation of local Ca<sup>2+</sup> movements in cerebellar granule neurons. *J. Neurochem.* 116: 881-890.
4. Tebbi, A., et al. 2011. TAp73 induction by nitric oxide: regulation by checkpoint kinase 1 (CHK1) and protection against apoptosis. *J. Biol. Chem.* 286: 7873-7884.
5. Chu, S., et al. 2011. The expression of Foxp3 and ROR  $\gamma$  t in lung tissues from normal smokers and chronic obstructive pulmonary disease patients. *Int Immunopharmacol.* 11: 1780-1788.
6. Ku, T.H., et al. 2011. Effect of honokiol on activity of GAD<sub>65</sub> and GAD<sub>67</sub> in the cortex and hippocampus of mice. *Phytomedicine* 18: 1126-1129.
7. Monroe-Augustus, M., et al. 2011. Matrix proteins are inefficiently imported into *Arabidopsis* peroxisomes lacking the receptor-docking peroxin PEX14. *Plant Mol. Biol.* 77: 1-15.
8. Tikoo, K., et al. 2011. Tannic acid ameliorates doxorubicin-induced cardiotoxicity and potentiates its anti-cancer activity: potential role of tannins in cancer chemotherapy. *Toxicol. Appl. Pharmacol.* 251: 191-200.
9. Surse, V.M., et al. 2011. Esculetin induced changes in Mmp13 and Bmp6 gene expression and histone H3 modifications attenuate development of glomerulosclerosis in diabetic rats. *J. Mol. Endocrinol.* 46: 245-254.

## RESEARCH USE

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