For Research Use Only.
Not For Use In Diagnostics.

HRP-Goat Anti-Rabbit IgG Conformation Specific Recombinant Secondary Antibody

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Antibodies | ELISA kits | Proteins

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Catalog Number:RGAR301

Information

Catalog Number:
RGAR301
Host:
Goat
Applications:
IP-WB, WB, ELISA
Reactivity:
Rabbit
Physical State:
Liquid
Conjugation:
HRP

Recommended Dilutions

1:3000-1:10,000 for ELISA;
1:2500-1:5000 for western blotting or IP-WB with ECL substrates.

Storage

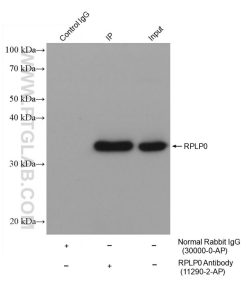
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 10 mg/mL BSA, 0.1% Proclin-300, pH 7.4.
Aliquoting is unnecessary for -20°C storage

Purity

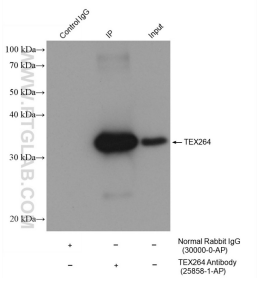
The antibody was purified from culture media supernatant by immunoaffinity chromatography using Protein G beads.

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

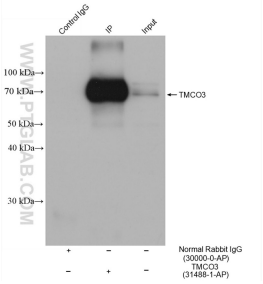
Selected Validation Data



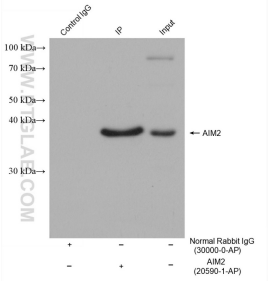
IP-WB detection with RGAR301. Lysate: HeLa cells; IP Primary: RPLP0, 11290-2-AP; IP Control: Rabbit IgG, 30000-1-AP; SDS-PAGE loading amount: 20% of IP elution and 30 μg total protein for input; WB Primary: RPLP0, 11290-2-AP, 1:8000; WB secondary: RGAR301, 1:2500.



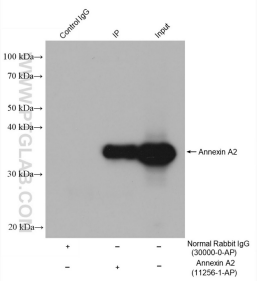
IP-WB detection with RGAR301. Lysate: HEK-293 cells; IP Primary: TEX264, 25858-1-AP; IP Control: Rabbit IgG, 30000-1-AP; SDS-PAGE loading amount: 20% of IP elution and 30 μg total protein for input; WB Primary: TEX264, 25858-1-AP, 1:3000; WB secondary: RGAR301, 1:2500.



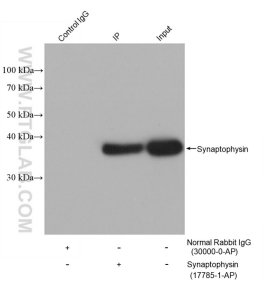
IP-WB detection with RGAR301. Lysate: HepG2 cells; IP Primary: TMCO3, 31488-1-AP; IP Control: Rabbit IgG, 30000-1-AP; SDS-PAGE loading amount: 20% of IP elution and 30 μg total protein for input; WB Primary: TMCO3, 31488-1-AP, 1:1000; WB secondary: RGAR301, 1:2500.



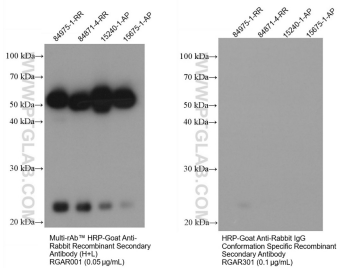
IP-WB detection with RGAR301. Lysate: Raji cells; IP Primary: AIM2, 25090-1-AP; IP Control: Rabbit IgG, 30000-1-AP; SDS-PAGE loading amount: 20% of IP elution and 30 μg total protein for input; WB Primary: AIM2, 25090-1-AP, 1:600; WB secondary: RGAR301, 1:2500.



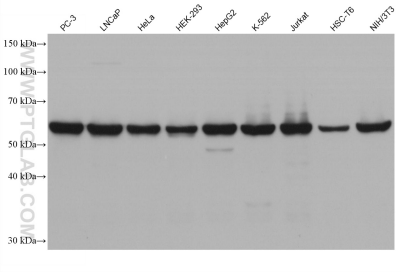
IP-WB detection with RGAR301. Lysate: HepG2 cells; IP Primary: Annexin A2, 11256-1-AP; IP Control: Rabbit IgG, 30000-1-AP; SDS-PAGE loading amount: 20% of IP elution and 30 μg total protein for input; WB Primary: Annexin A2, 11256-1-AP, 1:30000; WB secondary: RGAR301, 1:2500.



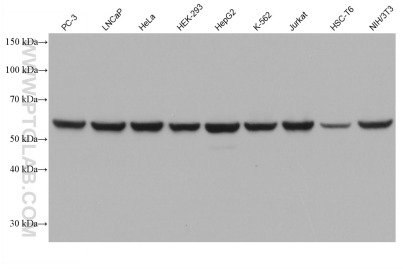
IP-WB detection with RGAR301. Lysate: Mouse brain tissue; IP Primary: Synaptophysin, 17785-1-AP; IP Control: Rabbit IgG, 30000-1-AP; SDS-PAGE loading amount: 20% of IP elution and 30 μg total protein for input; WB Primary: Synaptophysin, 17785-1-AP, 1:50000; WB secondary: RGAR301, 1:2500.



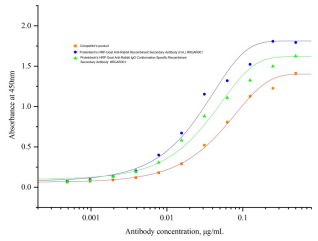
Rabbit recombinant antibodies (84975-1-RR and 84871-1-RR) and rabbit polyclonal antibodies (15240-1-AP and 15675-1-AP) were subjected to SDS-PAGE at reduced condition at 100 ng/well followed by western blotting with Multi-rAb™ HRP-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) RGAR001 (0.05 μg/mL) and HRP-Goat Anti-Rabbit IgG Conformation Specific Recombinant Secondary Antibody RGAR301 (0.1 μg/mL). The result suggest that RGAR301 does not react with reduced fragment of rabbit IgGs.



Various lysates were subjected to SDS PAGE followed by western blot with 15282-1-AP (HSP60 antibody) at dilution of 1:100000. HRP-Goat Anti-Rabbit IgG Conformation Specific Recombinant Secondary Antibody #RGAR301 was used at 1:5000 for detection.



Western blot detection using RGAR301. Various lysates were subjected to SDS PAGE followed by western blot with 15282-1-AP (HSP60 antibody) at dilution of 1:100000. HRP-Goat Anti-Rabbit IgG Conformation Specific Recombinant Secondary Antibody #RGAR301 was used at 1:10000 for detection.



Rabbit IgG was coated at 50 ng/well followed by detection with serial diluted secondaries. Signal was developed with TMB and stopped by H2SO4. Signal strength was measured by absorbance at 450 nm. Blue curve: Proteintech's Multi-rAb™ HRP-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) #RGAR001; Green curve: Proteintech's HRP-Goat Anti-Rabbit IgG Conformation Specific Recombinant Secondary Antibody #RGAR301; Orange curve: Competitor's Mouse Anti-rabbit IgG Conformation Specific secondary antibody.