HRP Conjugated Anti-rabbit IgG for IP Nano-secondary antibody

NBI01H

Product Type: Alpaca monoclonal, nano secondary antibodies

Applications: WB, IP

Description: Anti-Rabbit IgG Nano-secondary antibody for IP (HRP) is based on Monovalent, recombinant single domain antibodies to Rabbit IgG coupled to HRP, and the Anti-mouse IgG for IP Nano-secondary antibody (HRP) detects the non-reduced form of Rabbit IgG selectively, no reactivity with the reduced, SDS-denatured forms. When performing immunopreciptiation (IP) followed by western blotting, the denatured Rabbit IgG light and heavy chains of the primary antibody used for IP run at approximately 25 and 50 kD, respectively, on the subsequent western blot and can often obscure bands of proteins that have similar molecular weights. Anti-Rabbit IgG for IP Nano-secondary antibody (HRP) detects the non-reduced form of Rabbit IgG, no reactivity with the reduced, SDS-denatured forms. When a protien was immunoprecipitated by an antibody derived from Rabbit, you can still use primary antibody derived from Rabbit to detect this protien. Using Anti-Rabbit IgG for IP Nano-secondary antibody (HRP) to detect the primary antibody, only native antibody can be staining, not denatured heavy and light chains.

Conjugate: HRP-conjugated

Immunogen: Rabbit IgG

Recommended Dilutions:

WB	1:10000 - 1:100000
IP	sample should be completely reduced/denatured before loaded onto a western blot.

Storage Buffer: PBS PH=7.5, 10mg/ml BSA, 100mM trehalose, 50% glycerol.

Storage Instruction: Store at –20 ℃, protect from light.

Purity: Recombinant Expression and Affinity purified,Dissociation constant KD of 0.1nM.

Images

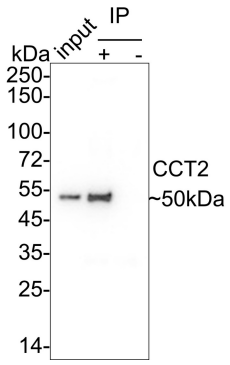

Fig1: CCT2 was immunoprecipitated from 0.2 mg HeLa cell lysate with HA722240 at 2 µg/25 µl agarose. Western blot was performed from the immunoprecipitate using HA722240 at 1/1,000 dilution. Anti-Rabbit IgG for IP Nano-secondary antibody (NBI01H) at 1/5,000 dilution was used for 1 hour at room temperature.

Lane 1: HeLa cell lysate (input)
Lane 2: HA722240 IP in HeLa cell lysate
Lane 3: Rabbit IgG instead of HA722240 in HeLa cell lysate

Blocking/Dilution buffer: 5% NFDM/TBST
Exposure time: 5 seconds; ECL: K1801

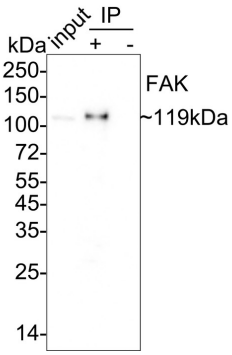

Fig2: FAK was immunoprecipitated in 0.2mg A431 cell lysate with ET1602-25 at 2 µg/25 µl agarose. Western blot was performed from the immunoprecipitate using ET1602-25 at 1/2,000 dilution. Anti-Rabbit IgG for IP Nano-secondary antibody (NBI01H) at 1/5,000 dilution was used for 1 hour at room temperature.

Lane 1: A431 cell lysate (input)
Lane 2: ET1602-25 IP in A431 cell lysate
Lane 3: Rabbit IgG instead of ET1602-25 in A431 cell lysate

Blocking/Dilution buffer: 5% NFDM/TBST
Exposure time: 3 minutes; ECL: K1801