



Anti-propranolol, Rabbit-Polyclonal Antibody

Catalog No. PG-10015

Antigen species: Taxol

Host species: Rabbit

Quantity: 250 μ l

Reactivity: propranolol

Form: Antiserum

Applications: ELISA

Target description

Propranolol (INN) is a sympatholytic nonselective beta blocker. It is used to treat high blood pressure, irregular heartbeats, shaking (tremors).

Ab dilution	Control	Anti-serum
1:10,000	37.76	54.623
1:1,000	25.535	60.303
1:100	19.220	67.625
1:10	19.985	33.735
Titer		>10K

Antigen

This polyclonal antibody was raised by immunizing rabbit with the Propranolol-BSA.

Application

The antibody specificity was assayed by ELISA with Propranolol-tg. The antibody titer is more than 10K for ELISA. It has not been tested in the other applications. However, for the first testing, we recommend 1/1000 dilution for ELISA, 1/500 dilution for Western blot analysis (WB) of recombinant protein, 1/100 dilution for tissue extracts or cell lysates, 1/100 dilution for immunohistochemistry (IHC) staining on frozen cryosections or paraffin embedded sections.

ELISA protocol

Antigen is coated on EIA strips at 0.4 μ g per well. Antiserum PG-10015 is diluted in series as 10^1 ~ 10^4 folds and added in separate wells. Incubate antibody for 0.5 hr. Wash unbound antibodies and add anti-rabbit IgG-HRP conjugate. Wash the plates and add substrate to develop color for 5 min. Read absorbance (ABS) at 405 nm. Amount of color is directly proportional to the amount of antibodies. Antibody is positive at >2 folds of ABS of control / Pre-Immune serum.

Storage

It is supplied as lyophilized serum. Redissolve the lyophilized powder with 250 microliter sterile water will restore the original condition. Store at 4oC for short term application. For long-term storage, aliquot and store at -20oC.

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