



Anti ATP Receptor P2X4 (370-388) (Rat) Serum
Cat. No. YII-YP060-EX Lot No. 251100806

Description: This antiserum was raised in a rabbit by immunization with a carrier free synthetic ATP receptor P2X4 (370-388) (rat) fragment. The product vial contains 50 µL of the titled antiserum obtained by lyophilizing its 0.001 M phosphate buffer (pH 7.0, 0.5mL) solution. It can be used for immunoassay, immunohistochemistry or any other immunoreaction with ATP receptor P2X4 (rat).

Immunogen: Synthetic ATP receptor P2X4 (370-388) (rat), carrier free **Host:** Rabbit

Amino Acid Sequence of ATP receptor P2X4 (370-388) (rat)¹⁾:

370 388

K KYKYVEDYEQ GLSGEMNQ

Product Form: Lyophilized unpurified serum **Size:** 50 µL

Reconstitution: Reconstitute the product with 0.5mL of 0.01M PBS (pH7.0) to make a 10 fold diluted stock solution. If it is stored in a refrigerator, add moderate antiseptic to the solution (e.g. NaN₃ 0.1%).

Storage: The product will be stable for over one year if it be stored at -20°C to -80°C until opened. Upon reconstituted, the antiserum solution must be stored at 2°C to 8°C and used within one month. Repeated freezing-thawing should be avoided.

Suggested Working Dilution Range: 1:5,000 for immunohistochemistry (frozen section). Optimal dilution should be determined by each laboratory for each application.

Specificity (based on radioimmunoassay):P2X4 (rat), not tested for other P2X subtypes

Positive Control (immunohistochemistry): Rat brain, testis

Species Tested: Rat

REFERENCES:

1) F. Soto, M. Garcia-Guzman et al., P2X4: an ATP-activated ionotropic receptor cloned from rat brain. Proceedings of National Academy of Sciences USA 93:3684-3688, 1996

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

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