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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08202 - Goat Anti-P2RY1 (aa345-356) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: P2RY1, purinergic receptor P2Y, G-protein coupled, 1, P2Y1, ATP receptor, P2 purinoceptor subtype Y1, P2Y purinoceptor 1, platelet ADP receptor, purinergic receptor P2Y1

Official Symbol: P2RY1

Accession Number(s): NP_002554.1

Human GeneID(s): [5028](#)

Non-Human GeneID(s): 18441 (mouse), 25265 (rat)

Immunogen

Peptide with sequence C-RSEANLQSKSED, from the C terminus of the protein sequence according to NP_002554.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Preliminary experiments gave an approx. 50kDa band in lysates of Human Lung and of cell line A549 after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 42.1kDa according to NP_002554.1. The 50kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow