

Product datasheet for TA322992

P2Y2 (P2RY2) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications:

Recommended Dilution: ELISA: 1:2000-10000, WB: 1:1000-5000

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: **IgG**

Clonality: Polyclonal

Immunogen: Synthetic peptide corresponding to a region derived from 353-366 amino acids of Human

purinergic receptor P2Y, G-protein coupled, 2

Formulation: PBS pH7.3, 0.05% NaN3, 50% glycerol

Concentration: lot specific

Purification: Antigen affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 42 kDa

Gene Name: purinergic receptor P2Y2

Database Link: NP 002555

Entrez Gene 18442 MouseEntrez Gene 29597 RatEntrez Gene 5029 Human

P41231

Background: The product of this gene belongs to the family of G-protein coupled receptors. This family has

> several receptor subtypes with different pharmacological selectivity; which overlaps in some cases; for various adenosine and uridine nucleotides. This receptor is responsive to both

adenosine and uridine nucleotides. It may participate in control of the cell cycle of

endometrial carcinoma cells. Three transcript variants encoding the same protein have been

identified for this gene.

Synonyms: HP2U; P2RU1; P2U; P2U1; P2UR; P2Y2; P2Y2R



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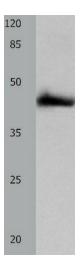
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Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Predicted band size: 42 kDa. Positive control: HT-29 cell lysate. Recommended dilution: 1/1000-5000. (Gel: 10%SDS-PAGE Lysate: 40 ug Primary antibody: 1/1250 dilution Secondary antibody: Goat anti Rabbit lgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)