

Datasheet for ABIN755017

anti-P2RY2 antibody (AA 21-120) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	P2RY2
Binding Specificity:	AA 21-120
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RY2 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human P2Y2R
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	P2RY2
Alternative Name:	P2Y2 (P2RY2 Products)

Target Details

Background: Synonyms: P2U, HP2U, P2U1, P2UR, P2Y2, P2RU1, P2Y2R, P2Y purinoceptor 2, ATP receptor, P2U purinoceptor 1, P2U receptor 1, Purinergic receptor, P2RY2

Background: Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system. The affinity range is UTP = ATP > ATP-gamma-S >> 2-methylthio-ATP = ADP.

Gene ID: 5029

UniProt: [P41231](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Smooth Muscle Cell Migration](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months