

Datasheet for ABIN6145129  
**anti-P2RY2 antibody (AA 278-377)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	P2RY2
Binding Specificity:	AA 278-377
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RY2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 278-377 of human P2RY2 (NP_788086.1).
Sequence:	CHTLNAINMA YKVTRPLASA NSCLDPVLYF LAGQRLVRFA RDAKPPTGPS PATPARRRLG LRRSDRTDMQ RIEDVLGSSE DSRRTSTPA GSENTKDIRL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

## Target Details

Target:	P2RY2
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## Target Details

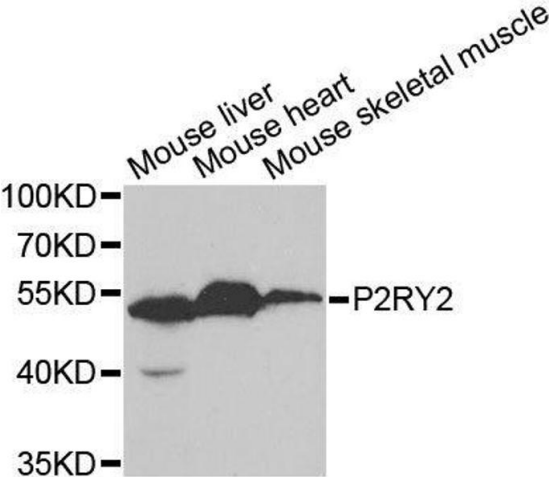
Alternative Name:	P2RY2 ( <a href="#">P2RY2 Products</a> )
Background:	The product of this gene belongs to the family of P2 receptors, which is activated by extracellular nucleotides and subdivided into P2X ligand-gated ion channels and P2Y G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor, found on many cell types, is activated by ATP and UTP and is reported to be overexpressed on some cancer cell types. It is involved in many cellular functions, such as proliferation, apoptosis and inflammation. Three transcript variants encoding the same protein have been identified for this gene.,P2RY2,HP2U,P2RU1,P2U,P2U1,P2UR,P2Y2,P2Y2R,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Neuroscience,P2RY2
Molecular Weight:	42 kDa
Gene ID:	5029
UniProt:	<a href="#">P41231</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Smooth Muscle Cell Migration</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using P2RY2 antibody.