



[Go to Product page](#)

Datasheet for ABIN7043423

anti-P2Y2 Receptor antibody (3rd Intracellular Loop)

1 Image

Overview

Quantity:	25 µL
Target:	P2Y2 Receptor (LOC100009486)
Binding Specificity:	3rd Intracellular Loop, AA 227-244
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2Y2 Receptor antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KPAY GTTGL PRAKR KSVR, corresponding to residues 227-244 of rat P2RY2
Isotype:	IgG
Characteristics:	Anti-P2Y2 Receptor Antibody (ABIN7043423, ABIN7045084 and ABIN7045085) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot, indirect flow cytometry, immunoprecipitation, immunocytochemistry, and immunohistochemistry applications. It has been designed to recognize P2RY2 in rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

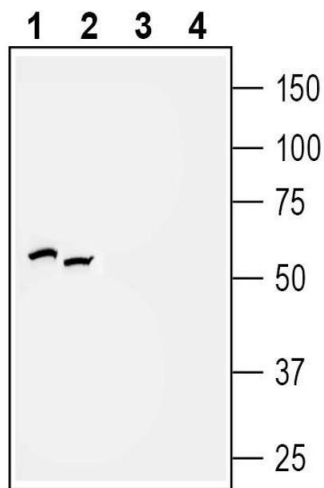
Target:	P2Y2 Receptor (LOC100009486)
Alternative Name:	P2Y2 Receptor (LOC100009486 Products)
Background:	Alternative names: P2Y2 Receptor, P2Y purinoceptor 2, P2RY2, P2U1
Gene ID:	29597
NCBI Accession:	NM_176072
UniProt:	P41232

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
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:	RT, 4 °C, -20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



Western Blotting

Image 1. Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain membranes: - 1, 2. Anti-P2Y2 Receptor Antibody (ABIN7043423, ABIN7045084 and ABIN7045085), (1:200). 3, 4. Anti-P2Y2 Receptor Antibody, preincubated with P2Y2 Receptor Blocking Peptide (#BLP-PR010).