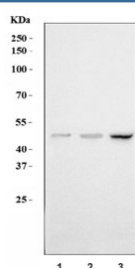


P2Y6 Antibody / P2RY6 (RQ6893)

Catalog No.	Formulation	Size
RQ6893	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q15077
Applications	Western Blot : 1-2ug/ml
Limitations	This P2Y6 antibody is available for research use only.



Western blot testing of human 1) HaCat, 2) HepG2 and 3) MCF7 cell lysate with P2Y6 antibody. Predicted molecular weight ~36 kDa, commonly observed from 36-55 kDa.

Description

P2Y purinoceptor 6 is a protein that in humans is encoded by the P2RY6 gene. 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, which is a G-protein coupled receptor, is responsive to UDP, partially responsive to UTP and ADP, and not responsive to ATP. It is proposed that this receptor mediates inflammatory responses. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

Application Notes

Optimal dilution of the P2Y6 antibody should be determined by the researcher.

Immunogen

Amino acids ANSVLDPILFYFTQKKFR from the human protein were used as the immunogen for the P2Y6 antibody.

Storage

After reconstitution, the P2Y6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.