ProSci INCORPORATED
www.prosci-inc.com

12170 Flint Place
Poway, CA 92064
Tel: 858-513-2638
Fax: 858-513-2692
Toll Free: 888-513-9525
techsupport@prosci-inc.com

P2RY1 Antibody

P2RY1, purinergic receptor P2Y, G-protein coupled, 1, P2Y1, ATP recepto, P2 purinoceptor subtype Y1, P2Y purinoceptor 1, platelet ADP receptor, purinergic receptor P2Y1

CATALOG NO.: 46-123

HOST:
Goat

CLONALITY:
Polyclonal

INFORMATION:
P2RY1 Antibody.

SOURCE:
P2RY1 antibody was raised against a synthetic peptide (aa 247-257) of P2RY1.

PROTEIN ACCESSION NUMBER(S) :
NP_002554.1

SPECIES REACTIVITY:
Human, Mouse, Rat, Dog

TESTED APPLICATION:
E

APPLICATION:
Peptide ELISA: antibody detection limit dilution 1:128,000. Western Blot: Preliminary experiments gave bands at approx 55kDa and 38kDa in lysates of cell lines HEK293 and A549 after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 42.1kDa according to NP_002554.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the observed sizes).

PURIFICATION:
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:
0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Arthur JF, Shen Y, Mu FT, Leon C, Gachet C, Berndt MC, Andrews RK. Calmodulin interacts with the platelet ADP receptor P2Y1. Biochem J. 2006 Sep 15;398(3):339-43.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.