

Goat anti-P2RY1 (aa345-356) Antibody

Item Number	dAP-1501
Target Molecule	Principle Name: P2RY1 (aa345-356); Official Symbol: P2RY1; All Names and Symbols: P2RY1; purinergic receptor P2Y, G-protein coupled, 1; P2Y1; ATP receptor; P2 purinoceptor subtype Y1; P2Y purinoceptor 1; platelet ADP receptor; purinergic receptor P2Y1; Accession Number (s): NP_002554.1; Human Gene ID(s): 5028; Non-Human GeneID(s): 18441 (mouse) 25265 (rat)
Immunogen	RSEANLQSKSED, is from C terminus
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx. 50kDa band in lysates of Human Lung and of cell line A549 after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the
IHC	
Reference	Reference(s): 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..PMID: 16848759 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**