

## Goat anti-P2RY1 (aa247-257) Antibody

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| <b>Item Number</b>     | dAP-1290  |
| <b>Target Molecule</b> | Principle Name: P2RY1 (aa247-257); Official Symbol: P2RY1; All Names and Symbols: P2RY1; purinergic receptor P2Y, G-protein coupled, 1; P2Y1; ATP recepto; 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): |
| <b>Immunogen</b>       | KDLDNSPLRRK, is from internal region  |
| <b>Applications</b>    | Pep ELISA<br>Species Tested:  |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Supplied As</b>     | 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 128000.   |
| <b>Western Blot</b>    | 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 give  |
| <b>IHC</b>             |   |
| <b>Reference</b>       | 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**