



## Goat anti-P2rx4 (mouse) Antibody

<b>Item Number</b>	dAP-2606
<b>Target Molecule</b>	Principle Name: P2rx4 (mouse); Official Symbol: P2rx4; All Names and Symbols: P2rx4; purinergic receptor P2X, ligand-gated ion channel, 4; P2X4; AI504491; AW555605; D5Ertd444e; ATP receptor; OTTMUSP00000023741; OTTMUSP00000023745; OTTMUSP00000023746; OTTMUSP00000023747; P2X purinoceptor 4; ionotropic purinergic receptor; Accession Number (s): NP_035156.2; Human Gene ID (s): 5025; Non-Human GeneID(s): 18438 (mouse) 29659 (rat)
<b>Immunogen</b>	ETDSVSSVTTKAK, is from internal region
<b>Applications</b>	Pep ELISA, WB, IF Species Tested: Human
<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. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 48-50kDa band observed in lysates of cell line A549 (calculated MW of 43.4kDa according to Human NP_002551.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Rec
<b>IHC</b>	
<b>Reference</b>	Reference(s): Freeman KW, Bowman BR, Zetter BR. Regenerative protein thymosin beta-4 is a novel regulator of purinergic signaling. FASEB J. 2011 Mar;25(3):907-15..PMID: 21106936->

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**