

## Goat anti-MTNR1A Antibody

<b>Item Number</b>	dAP-1780
<b>Target Molecule</b>	Principle Name: MTNR1A; Official Symbol: MTNR1A; All Names and Symbols: MTNR1A; melatonin receptor 1A; MEL-1A-R; MT1; melatonin receptor type 1A; Accession Number (s): NP_005949.1; Human Gene ID(s): 4543; Non-Human GeneID(s):
<b>Immunogen</b>	SLKYDKLYSSKNS, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Rat
<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 40kDa band observed in Rat Retina lysates (calculated MW of 39.8kDa according to Rat NP_446128.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 50kDa. This band was suc
<b>IHC</b>	
<b>Reference</b>	Reference(s): Rawashdeh O, de Borsetti NH, Roman G, Cahill GM. Melatonin suppresses nighttime memory formation in zebrafish. Science 2007 Nov 318 (5853): 1144-6..PMID: 18006748->

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**