

## Goat anti-Orexin Receptor 2 (aa405-419) Antibody

<b>Item Number</b>	dAP-2354
<b>Target Molecule</b>	Principle Name: Orexin Receptor 2 (aa405-419); Official Symbol: HCRTR2; All Names and Symbols: HCRTR2; hypocretin (orexin) receptor 2; OX2R; hypocretin receptor type 2; orexin receptor type 2; ox-2-R; ox2-R; Accession Number (s): NP_001517.2; Human Gene ID(s): 3062; Non-Human GeneID(s): 387285 (mouse) 25605 (rat)
<b>Immunogen</b>	KSLTTQISNFDNISK, is from internal region (near C Terminus)
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse
<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 32000.
<b>Western Blot</b>	Western Blot: Approx 50kDa band observed in Mouse fetal Brain lysates (calculated MW of 52.5kDa according to Mouse NP_945200.1). Recommended concentration: 0.5-2µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Chen J, Randeva HS, Genomic organization and regulation of the human orexin (hypocretin) receptor 2 gene: identification of alternative promoters. The Biochemical journal 2010 May 427 (3): 377-90..PMID: 20156195->

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**