Orexin Receptor 2 Antibody

CATALOG NUMBER: 46-104

Western Blot (1µg/ml) staining of human brain (hippocampus) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY: Human
TESTED APPLICATIONS: ELISA, WB
APPLICATIONS: ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 50kDa band observed in human brain (cerebral cortex, hippocampus and substantia nigra) lysates (calculated MW of 50.7kDa according to NP_001517.1). Recommended concentration: 1-3µg/ml.
POSITIVE CONTROL: 1) Cat. No. XBL-10110 - Human Hippocampus Tissue Lysate
IMMUNOGEN: Orexin Receptor 2 antibody was raised against a 13 amino acid synthetic peptide near the N-Terminus of Orexin Receptor 2.
HOST SPECIES: Goat

Properties

PURIFICATION: Orexin Receptor 2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE: Liquid
BUFFER: Orexin Receptor 2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION: 500 µg/mL
STORAGE CONDITIONS: Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY: Polyclonal
CONJUGATE: Unconjugated

Additional Info

ALTERNATE NAMES: HCRTR2, hypocretin (orexin) receptor 2, OX2R, OTTHUMP00000039969, hypocretin receptor-2, orexin receptor 2
ACCESSION NO.: NP_001517.1
PROTEIN GI NO.: 4557839