prosci-inc.com

HIGH PERFORMANCE ANTIBODIES ... AND MORE

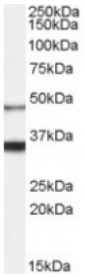
ProSci Incorporated
12170 Flint Place
Poway, CA 92064

Toll Free: +1 (888) 513 9525
Local: +1 (858) 513 2638
Fax: +1 (858) 513 2692

techsupport@prosci-inc.com

Orexin Receptor 1 Antibody

CATALOG NUMBER: 45-069



Western Blot (0.1ug/ml) staining of Human Brain lysate (35ug 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 1:8000. Western Blot: Approx 48+35kDa band observed in Human Brain lysates (calculated MW of 47.5kDa according to NP_001516.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Silveyra et al, Am J Physiol En
POSITIVE CONTROL:	1) Cat. No. 1303 - Human Brain Tissue Lysate
IMMUNOGEN:	Orexin Receptor 1 antibody was raised against a 12 amino acid synthetic peptide near the internal region of Orexin Receptor 1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Orexin Receptor 1 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 1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	HCRTR1, OX1R, hypocretin (orexin) receptor 1, orexin receptor, orexin receptor 1, orexin receptor-1, hypocretin receptor 1, hypocretin receptor-1
ACCESSION NO.:	NP_001516.1
PROTEIN GI NO.:	4557637

OFFICIAL SYMBOL:	HCRTR1
GENE ID:	3061

Background

REFERENCES:

1) Petersen A, Gil J, Maat-Schieman ML, Bjorkqvist M, Tanila H, Araujo IM, Smith R, Popovic N, Wierup N, Norlen P, Li JY, Roos RA, Sundler F, Mulder H, Brundin P. Orexin loss in Huntington's disease. Hum Mol Genet. 2005 Jan 1;14(1):39-47. Epub 2004 Nov 03.

December 13, 2016