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Datasheet for ABIN1391752

anti-Orexin B antibody (AA 70-97) (AbBy Fluor® 488)

Overview

Quantity:	100 µL
Target:	Orexin B (OXB)
Binding Specificity:	AA 70-97
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Orexin B antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Orexin B
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Orexin B (OXB)
Alternative Name:	Orexin B (OXB Products)
Background:	Synonyms: OX, PPOX, NRCLP1, Orexin, Hypocretin, Hcrt, PPORX

Target Details

Background: Neuropeptides that play a significant role in the regulation of food intake and sleep-wakefulness, possibly by coordinating the complex behavioral and physiologic responses of these complementary homeostatic functions. A broader role in the homeostatic regulation of energy metabolism, autonomic function, hormonal balance and the regulation of body fluids, is also suggested. Orexin-A binds to both OX1R and OX2R with a high affinity, whereas orexin-B binds only to OX2R with a similar high affinity.

Gene ID: 3060

UniProt: [O43612](#)

Pathways: [Synaptic Membrane](#), [Feeding Behaviour](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months