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Datasheet for ABIN1391751  
**anti-Orexin B antibody (AA 70-97) (AbBy Fluor® 350)**

### 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® 350  |
| 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 ( <a href="#">OXB Products</a> )                   |
| Background:       | Synonyms: OX, PPOX, NRCLP1, Orexin, Hypocretin, Hcrt, PPORX |

## Target Details

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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

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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

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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