

## Product datasheet

# Anti-Orexin Receptor 2 antibody ab115024

### 画像数 1

#### 製品の概要

|              |  |
|--------------|--|
| 製品名          | Anti-Orexin Receptor 2 antibody  |
| 製品の詳細        | Goat polyclonal to Orexin Receptor 2   |
| 由来種          | Goat   |
| アプリケーション     | 適用あり: WB   |
| 種交差性         | 交差種: Mouse<br>交差が予測される動物種: Rat, Horse, Cow, Dog, Human, Pig  |
| 免疫原          | Synthetic peptide:<br>C-KSLTTQISNFDNISK<br>, corresponding to internal sequence amino acids (near the C terminus) 405-419 of Human Orexin Receptor 2 (NP_001517.2).<br><a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a> |
| ポジティブ・コントロール | Mouse fetal brain lysate.  |

#### 製品の特性

|          |  |
|----------|--|
| 製品の状態    | Liquid   |
| 保存方法     | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.   |
| バッファー    | pH: 7.30<br>Preservative: 0.02% Sodium azide<br>Constituents: 0.5% BSA, 99% Tris buffered saline   |
| 精製度      | Immunogen affinity purified  |
| 特記事項(精製) | ab115024 was purified from Goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| ポリ/モノ    | ポリクローナル  |
| アイソタイプ   | IgG  |

#### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab115024** in the following tested applications.

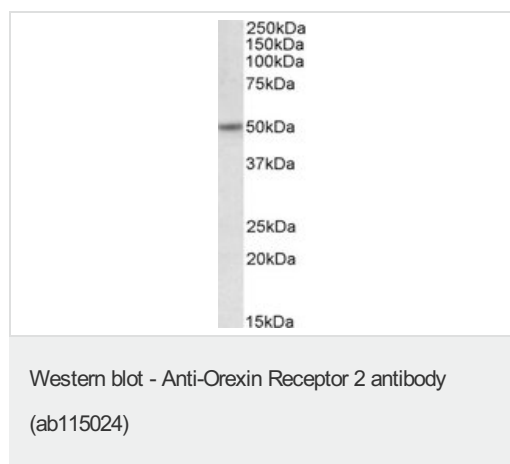
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項   |
|----------|-----------|--|
| WB       |           | Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 53 kDa). |

## ターゲット情報

|       |   |
|-------|---|
| 機能    | Nonselective, high-affinity receptor for both orexin-A and orexin-B neuropeptides (PubMed:9491897, PubMed:26950369). Triggers an increase in cytoplasmic Ca(2+) levels in response to orexin-A binding (PubMed:9491897, PubMed:26950369). |
| 配列類似性 | Belongs to the G-protein coupled receptor 1 family.   |
| ドメイン  | The N-terminal region is required for orexin signaling.   |
| 細胞内局在 | Cell membrane.  |

## 画像



Anti-Orexin Receptor 2 antibody (ab115024)  
at 0.5 µg/ml + Mouse fetal brain lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

**Predicted band size:** 53 kDa

**Observed band size:** 50 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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