


## Product datasheet

# Anti-p57 Kip2 (phospho T310) antibody ab61064

### 画像数 2

#### 製品の概要

|              |   |
|--------------|---|
| 製品名          | Anti-p57 Kip2 (phospho T310) antibody   |
| 製品の詳細        | Rabbit polyclonal to p57 Kip2 (phospho T310)  |
| 特異性          | Ab61064 detects endogenous levels of p57 Kip2 only when phosphorylated at threonine 310.  |
| アプリケーション     | <b>適用あり:</b> WB, ELISA, IHC-P   |
| 種交差性         | <b>交差種:</b> Human<br><b>交差が予測される動物種:</b> Mouse   |
| 免疫原          | Synthesized phosphopeptide derived from human p57 Kip2 around the phosphorylation site of threonine 310(E-Q-T <sup>P</sup> -P-R). |
| ポジティブ・コントロール | Human placenta tissue   |

#### 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 freeze / thaw cycles.   |
| バッファー     | Preservative: 0.02% Sodium Azide<br>Constituents: 50% Glycerol, PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150mM Sodium chloride, pH 7.4   |
| 精製度       | Immunogen affinity purified   |
| 特記事項 (精製) | ab61064 was affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| 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 **ab61064** in the following tested applications.

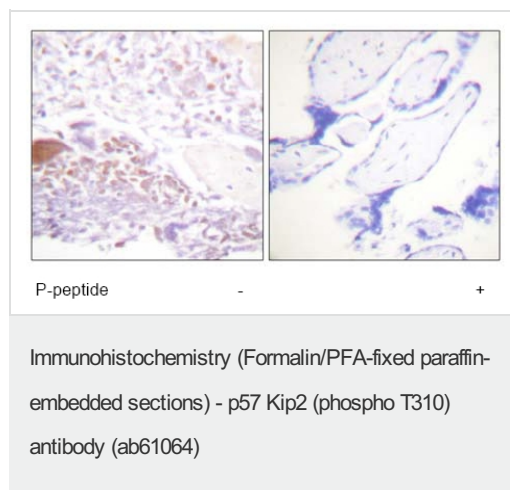
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| WB       |           | 1/500 - 1/1000. Predicted molecular weight: 32 kDa. |
| ELISA    |           | 1/5000.   |
| IHC-P    |           | 1/50 - 1/100.                                       |

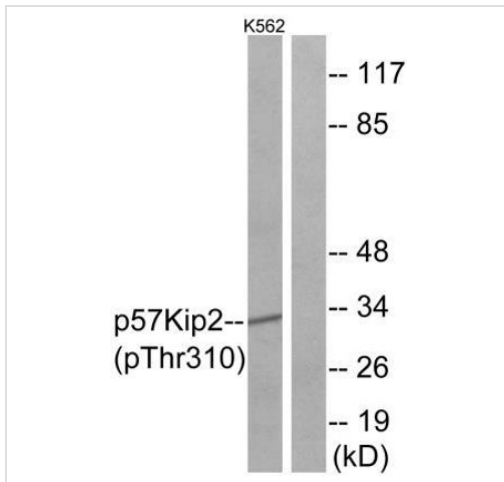
## ターゲット情報

|              |   |
|--------------|---|
| <b>機能</b>    | Potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life.  |
| <b>組織特異性</b> | Expressed in the heart, brain, lung, skeletal muscle, kidney, pancreas and testis. High levels are seen in the placenta while low levels are seen in the liver.   |
| <b>関連疾患</b>  | Defects in CDKN1C are a cause of Beckwith-Wiedemann syndrome (BWS) [MIM:130650]. BWS is a genetically heterogeneous disorder characterized by anterior abdominal wall defects including exomphalos (omphalocele), pre- and postnatal overgrowth, and macroglossia. Additional less frequent complications include specific developmental defects and a predisposition to embryonal tumors.<br>Note=Defects in CDKN1C are involved in tumor formation. |
| <b>配列類似性</b> | Belongs to the CDI family.  |
| <b>細胞内局在</b> | Nucleus.  |

## 画像



Immunohistochemistry analysis of paraffin-embedded human placenta tissue using ab61064 at 1/50-1/100 dilution with or without addition of Phospho-peptide.



**Predicted band size : 32 kDa**

Western Blot analysis of K562 cell lysates labeling p57 Kip2 (phospho T310) with ab61064 at 0.01U/ml for 15 minutes. The lane on the right is blocked with the phospho peptide.

Western blot - Anti-p57 Kip2 (phospho T310) antibody (ab61064)

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

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