

### Anti-TXNRD1 antibody ab113904

画像数 1

#### 製品の概要

|          |  |
|----------|--|
| 製品名      | Anti-TXNRD1 antibody   |
| 製品の詳細    | Rabbit polyclonal to TXNRD1  |
| 由来種      | Rabbit   |
| アプリケーション | 適用あり: WB   |
| 種交差性     | 交差種: Human<br>交差が予測される動物種: Cow, Dog, Pig, Chimpanzee, Macaque monkey, Gorilla, Orangutan |



|              |   |
|--------------|---|
| 免疫原          | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| ポジティブ・コントロール | This antibody gave a positive signal in Human Testis and Spleen tissue lysates as well as the following whole cell lysates: HeLa; HepG2; HEK293; MCF7.  |
| 特記事項         | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

#### 製品の特性

|       |  |
|-------|--|
| 製品の状態 | Liquid   |
| 保存方法  | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.   |
| バッファー | <p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration &lt; 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p> |
| 精製度   | Immunogen affinity purified  |

ポリ/モノ  
アイソタイプ

ポリクローナル  
IgG

## アプリケーション

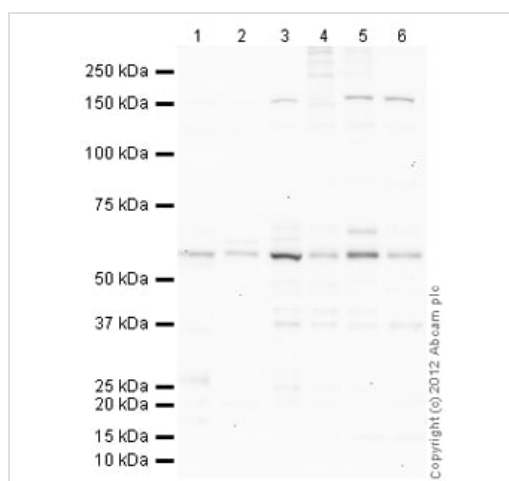
**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab113904の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項   |
|----------|-----------|--|
| WB       |           | Use a concentration of 1 µg/ml. Detects a band of approximately 60 kDa (predicted molecular weight: 71 kDa). Abcam recommends using milk as the blocking agent (3%). |

## ターゲット情報

|       |  |
|-------|--|
| 機能    | Isoform 1 may possess glutaredoxin activity as well as thioredoxin reductase activity and induces actin and tubulin polymerization, leading to formation of cell membrane protrusions. Isoform 4 enhances the transcriptional activity of estrogen receptors alpha and beta while isoform 5 enhances the transcriptional activity of the beta receptor only. Isoform 5 also mediates cell death induced by a combination of interferon-beta and retinoic acid. |
| 組織特異性 | Isoform 1 is expressed predominantly in Leydig cells (at protein level). Also expressed in ovary, spleen, heart, liver, kidney and pancreas and in a number of cancer cell lines. Isoform 4 is widely expressed with highest levels in kidney, testis, uterus, ovary, prostate, placenta and fetal liver.  |
| 配列類似性 | Belongs to the class-I pyridine nucleotide-disulfide oxidoreductase family.<br>Contains 1 glutaredoxin domain.   |
| ドメイン  | The N-terminal glutaredoxin domain found in isoform 1 does not contain the C-P-Y-C redox-active motif normally found in glutaredoxins and has been found to be inactive in classical glutaredoxin assays.  |
| 翻訳後修飾 | The N-terminus of isoform 5 is blocked.<br>ISGylated.  |
| 細胞内局在 | Cytoplasm and Cytoplasm. Nucleus.  |

## 画像



Western blot - Anti-TXNRD1 antibody (ab113904)

**All lanes :** Anti-TXNRD1 antibody (ab113904) at 1 µg/ml (Milk blocking - 3%)

**Lane 1 :** Human testis tissue lysate - total protein ([ab30257](#))

**Lane 2 :** Human spleen tissue lysate - total protein ([ab29699](#))

**Lane 3 :** HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

**Lane 4 :** MCF7 (Human breast adenocarcinoma cell line) Whole Cell Lysate

**Lane 5 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 6 :** HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

Lysates/proteins at 20 µg per lane.

## Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 71 kDa

**Observed band size:** 60 kDa

**Additional bands at:** 150 kDa, 37 kDa, 65 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 8 minutes

The predicted molecular weight of TXNRD1 is 71 kDa (SwissProt), however we expect to observe a banding pattern around 60 kDa.

Abcam welcomes customer feedback and would appreciate any comments regarding this product and the data presented above.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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