

Product datasheet

Anti-Estrogen Receptor antibody ab52997

1 图像

概述

|       |   |
|-------|---|
| 产品名称  | Anti-Estrogen Receptor抗体  |
| 描述    | 兔多克隆抗体to Estrogen Receptor  |
| 宿主    | Rabbit  |
| 特异性   | This antibody is predicted to recognize all known estrogen receptors from the animal kingdom due to sequence homology, including fish. However this has not yet been confirmed experimentally.  |
| 经测试应用 | 适用于: WB   |
| 种属反应性 | 与反应: Human  |
| 免疫原   | Synthetic peptide corresponding to Estrogen Receptor alpha conjugated to Keyhole Limpet Haemocyanin (KLH). Synthetic peptide conjugated to KLH conserved in all known sequences of estrogen receptor from alpha and beta from all animal kingdom. |

性能

|      |  |
|------|--|
| 形式   | Liquid   |
| 存放说明 | 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. |
| 存储溶液 | Preservative: None<br>Constituents: PBS, pH 7.4  |
| 纯度   | Protein A purified   |
| 克隆   | 多克隆  |
| 同种型  | IgG  |

应用

Our [Abpromise guarantee](#) covers the use of **ab52997** in the following tested applications.

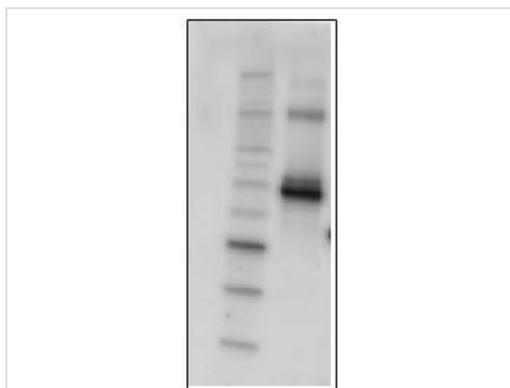
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明   |
|----|------|--|
| WB |      | 1/5000. Detects a band of approximately 65 kDa (predicted molecular weight: 66 kDa). |

## 靶标

|              |   |
|--------------|---|
| <b>功能</b>    | Nuclear hormone receptor. The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Can activate the transcriptional activity of TFF1.   |
| <b>序列相似性</b> | Belongs to the nuclear hormone receptor family. NR3 subfamily.<br>Contains 1 nuclear receptor DNA-binding domain.   |
| <b>结构域</b>   | Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.   |
| <b>翻译后修饰</b> | Phosphorylated by cyclin A/CDK2. Phosphorylation probably enhances transcriptional activity.<br>Glycosylated; contains N-acetylglucosamine, probably O-linked.<br>Ubiquitinated. Deubiquitinated by OTUB1.<br>Dimethylated by PRMT1 at Arg-260. The methylation may favor cytoplasmic localization.<br>Palmitoylated (isoform 3). Not biotinylated (isoform 3). |
| <b>细胞定位</b>  | Nucleus. Cytoplasm. Cell membrane. A minor fraction is associated with the inner membrane and Nucleus. Cytoplasm. Cell membrane. Associated with the inner membrane via palmitoylation.   |

## 图片



Western blot - Anti-Estrogen Receptor antibody (ab52997)

Anti-Estrogen Receptor antibody (ab52997) at 1/2000 dilution + Human recombinant estrogen receptor alpha and beta (40ng)

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab6721](#))

**Predicted band size:** 66 kDa

**Observed band size:** 65 kDa

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

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