

Product datasheet

Anti-XRCC3 antibody ab97390

1 References 画像数 2

製品の概要

| | |
|--------------|---|
| 製品名 | Anti-XRCC3 antibody |
| 製品の詳細 | Rabbit polyclonal to XRCC3 |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: WB, ICC/IF |
| 種交差性 | 交差種: Human |
| 免疫原 | Recombinant protein fragment contain a sequence corresponding to a region within amino acids 202 and 346 of XRCC3 |
| ポジティブ・コントロール | HepG2 and HeLa cell lines |

法規制情報

医薬用外毒物

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). Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| バッファー | Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0 |
| 精製度 | Immunogen affinity purified |
| 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 **ab97390** in the following tested applications.

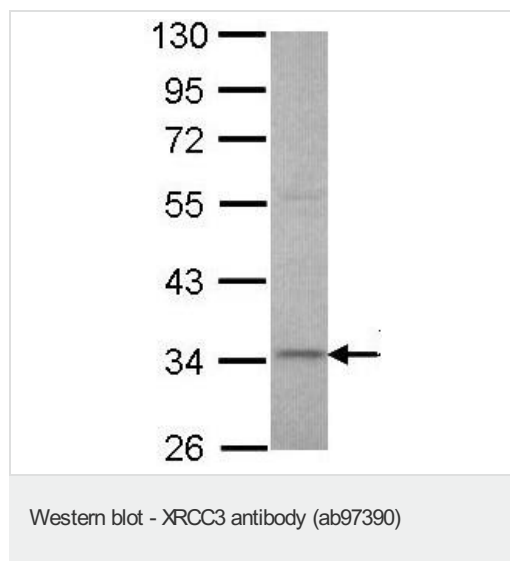
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|---|
| WB | | 1/500 - 1/3000. Predicted molecular weight: 38 kDa. |
| ICC/IF | | 1/100 - 1/200. |

ターゲット情報

| | |
|-------|---|
| 機能 | Involved in the homologous recombination repair (HRR) pathway of double-stranded DNA, thought to repair chromosomal fragmentation, translocations and deletions. Plays a role in regulating mitochondrial DNA copy number under conditions of oxidative stress in the presence of RAD51 and RAD51C. |
| 配列類似性 | Belongs to the RecA family. RAD51 subfamily. |
| 翻訳後修飾 | Phosphorylated upon DNA damage, probably by ATM or ATR. |
| 細胞内局在 | Nucleus. Cytoplasm. Cytoplasm > perinuclear region. Mitochondrion. Accumulates in discrete nuclear foci prior to DNA damage, and these foci persist throughout the time course of DNA repair. |

画像



Anti-XRCC3 antibody (ab97390) at 1/1000 dilution + HepG2 whole cell lysate at 30 µg

Predicted band size: 38 kDa



ab97390, at a 1/200 dilution, staining XRCC3 in paraformaldehyde fixed HeLa by Immunofluorescence.
Lower image was merged with DNA probe.

Immunocytochemistry/ Immunofluorescence -
XRCC3 antibody (ab97390)

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