


Anti-PARP1 antibody [Y17] ab32378

KO 評価済 リコンビナント RabMAb

2 References 画像数 1

製品の概要

製品名	Anti-PARP1 antibody [Y17]
製品の詳細	Rabbit monoclonal [Y17] to PARP1
由来種	Rabbit
特異性	This antibody is specific to PARP1. It should recognize the intact form (116kDa) and the p25 cleaved form of PARP1.
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC or ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Chinese hamster 
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	WB: Jurkat cell lysate.
特記事項	<p>This product has switched from a hybridoma to recombinant production method on 23rd February 2024.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

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	pH: 7.20

Preservative: 0.01% Sodium azide
Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA

精製度 Protein A purified
ポリ/モノ モノクローナル
クローン名 Y17
アイソタイプ 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ab32378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		1/1000. Detects a band of approximately 115 kDa (predicted molecular weight: 113 kDa).

追加情報 Is unsuitable for Flow Cyt, ICC or ICC/IF.

ターゲット情報

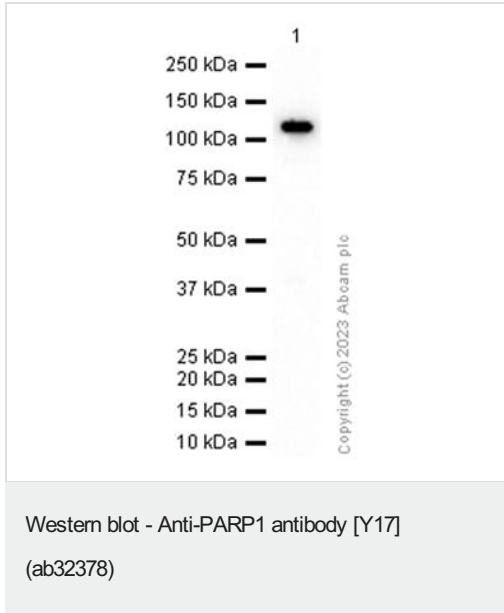
機能 Involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks. Mediates the poly(ADP-ribosyl)ation of APLF and CHFR. Positively regulates the transcription of MTUS1 and negatively regulates the transcription of MTUS2/TIP150.

配列類似性 Contains 1 BRCT domain.
Contains 1 PARP alpha-helical domain.
Contains 1 PARP catalytic domain.
Contains 2 PARP-type zinc fingers.

翻訳後修飾 Phosphorylated by PRKDC. Phosphorylated upon DNA damage, probably by ATM or ATR. Poly-ADP-ribosylated by PARP2. Poly-ADP-ribosylation mediates the recruitment of CHD1L to DNA damage sites.
S-nitrosylated, leading to inhibit transcription regulation activity.

細胞内局在 Nucleus.

画像



Anti-PARP1 antibody [Y17] (ab32378) at 1/1000 dilution + Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate at 15 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 113 kDa

Observed band size: 115 kDa

Exposure time: 7 seconds

Blocking and diluting buffer and concentration: 5% NFDm/TBST.

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