abcam

Product datasheet

HRP Anti-PIAS1 antibody [EPR2580(2)] ab303207

ועלשעבע RabMAb

画像数1

製品の概要

製品名 HRP Anti-PIAS1 antibody [EPR2580(2)]

製品の詳細 HRP Rabbit monoclonal [EPR2580(2)] to PIAS1

由来種 Rabbit HRP 標識

アプリケーション 適用あり: Target binding affinity, Antibody labelling

免疫原 Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

特記事項

This conjugated primary antibody is released using a quantitative quality control method that evaluates binding affinity post-conjugation and efficiency of antibody labeling.

For suitable applications and species reactivity, please refer to the unconjugated version of this clone. This conjugated antibody is eligible for Abtrial: learn more here.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information see here.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**® **patents**.

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 long

term. Avoid freeze / thaw cycle. Store In the Dark.

バッファー pH: 7.4

Preservative: 0.1% Proclin 300 Solution

Constituents: 68% PBS, 30% Glycerol (glycerin, glycerine), 1% BSA

精製度 Protein A purified

ポリモノ モノクローナル

クローン名 EPR2580(2)

アイソタイプ lgG

アプリケーション

The Abpromise guarantee <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab303207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
Target binding affinity		Use at an assay dependent concentration.
Antibody labelling		Use at an assay dependent concentration.

ターゲット情報

機能 Functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction

between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulation in various cellular pathways, including the STAT pathway, the p53 pathway and the steroid hormone signaling pathway. In vitro, binds A/T-rich DNA. The effects of this transcriptional coregulation, transactivation or silencing, may vary depending upon the biological context. Together with PRMT1, may repress STAT1 transcriptional activity, in the late

phase of interferon gamma (IFN-gamma) signaling.

組織特異性 Expressed in numerous tissues with highest level in testis.

パスウェイ Protein modification; protein sumoylation.

配列類似性 Belongs to the PIAS family.

Contains 1 PINIT domain. Contains 1 SAP domain.

Contains 1 SP-RING-type zinc finger.

ドメイン The LXXLL motif is a transcriptional coregulator signature.

The SP-RING-type domain is required for promoting EKLF sumoylation.

翻訳後修飾 Sumoylated.

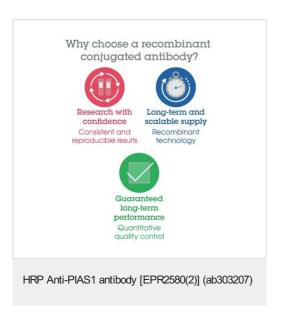
Dimethylated by PRMT1 at Arg-303 in the late phase of interferon gamma (IFN-gamma) signaling, leading to preferential interaction with STAT1 and thus resulting in release of STAT1

from its target gene.

細胞内局在 Nucleus speckle. Interaction with CSRP2 may induce a partial redistribution along the

cytoskeleton.

画像



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