


Anti-USP1 antibody ab84772

[1 References](#) [画像数 1](#)

製品の概要

製品名	Anti-USP1 antibody
製品の詳細	Rabbit polyclonal to USP1
由来種	Rabbit
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to a region between residue 450 and 500 of human USP1 (NP_003359.3)
ポジティブ・コントロール	Human controls: Anaplastic Thyroid Carcinoma, Breast Carcinoma, Prostate Carcinoma, Small Cell Lung Cancer
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&As</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: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
精製度	Immunogen affinity purified
特記事項(精製)	ab84772 was affinity purified using an epitope specific to USP1 immobilized on solid support.
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

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ab84772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
IHC-P		

追加情報

IHC-P: 1/100 - 1/500.
Epitope exposure is recommended.
Epitope exposure with citrate or tris-EDTA pH9.0 buffer will enhance staining.

Likely to work with frozen sections.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能

Negative regulator of DNA damage repair which specifically deubiquitinates monoubiquitinated FANCD2. Also involved in PCNA-mediated translesion synthesis (TLS) by deubiquitinating monoubiquitinated PCNA. Has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have a high activity.

配列類似性

Belongs to the peptidase C19 family.

発生段階

Cell cycle-regulated. Highest level during S phase.

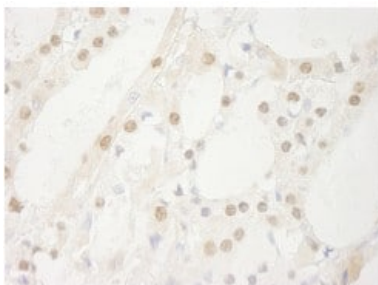
翻訳後修飾

Autocatalytic cleavage of USP1 following UV irradiation inactivates it leading to an increase in ubiquitinated PCNA, recruitment of POLH and translesion synthesis.
Ubiquitinated; leading to its subsequent proteasomal degradation.
Phosphorylated upon DNA damage, probably by ATM or ATR.

細胞内局在

Nucleus.

画像



Staining of USP1 by Immunohistochemistry on a formalin fixed, paraffin embedded section of human thyroid carcinoma using a 1/250 dilution of ab84772. Detection: DAB staining

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP1 antibody (ab84772)

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