

Product datasheet

Anti-UBF1 (phospho S484) antibody [EPR2725(2)] ab182583

Recombinant RabMAb

[3 References](#) [3 Images](#)

Overview

Product name	Anti-UBF1 (phospho S484) antibody [EPR2725(2)]
Description	Rabbit monoclonal [EPR2725(2)] to UBF1 (phospho S484)
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human UBF1 aa 450-550 (phospho S484). The exact sequence is proprietary. Database link: P17480
Positive control	Nocodazole treated HeLa cell lysate; Human colon and squamous cell carcinoma of cervix tissues.
General notes	

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](#).

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA

Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR2725(2)
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab182583** in the following tested applications.

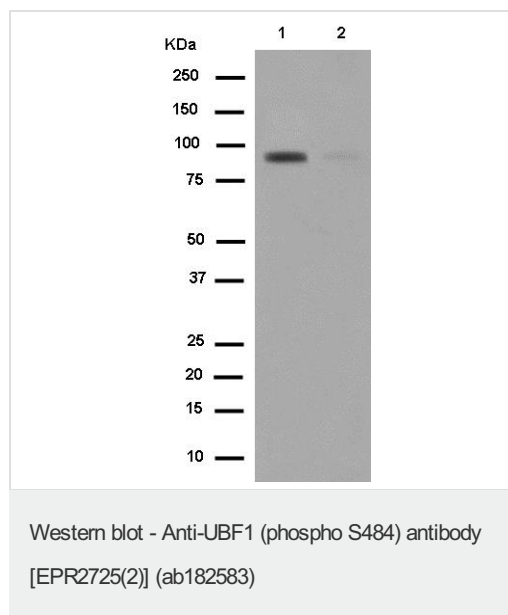
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 94-97 kDa (predicted molecular weight: 89 kDa).
IHC-P		1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Function	Recognizes the ribosomal RNA gene promoter and activates transcription mediated by RNA polymerase I through cooperative interactions with the transcription factor SL1/TIF-IB complex. It binds specifically to the upstream control element.
Sequence similarities	Contains 6 HMG box DNA-binding domains.
Post-translational modifications	Phosphorylated and activated by PIK3CA.
Cellular localization	Nucleus > nucleolus.

Images



All lanes : Anti-UBF1 (phospho S484) antibody [EPR2725(2)] (ab182583) at 1/10000 dilution

Lane 1 : Nocodazole treated HeLa cell lysate

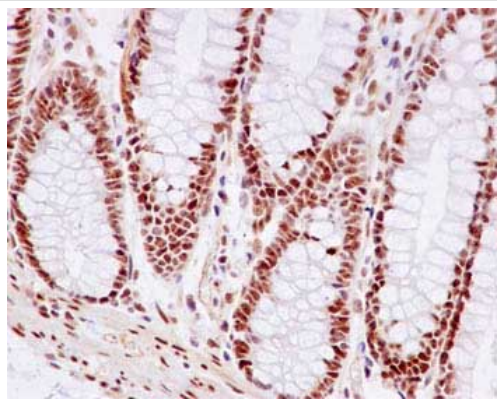
Lane 2 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

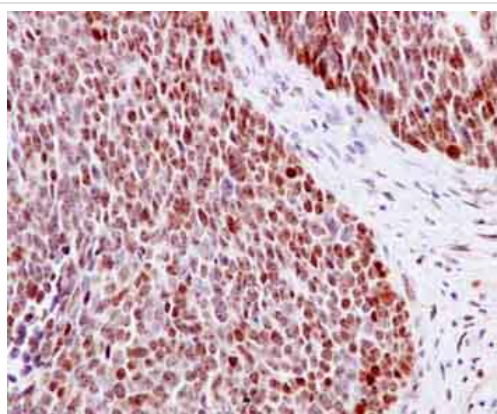
Predicted band size: 89 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UBF1 (phospho S484) antibody [EPR2725(2)] (ab182583)

Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling UBF1 with ab182583 at 1/100 dilution followed by prediluted HRP Polymer for Rabbit IgG. Counter stained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UBF1 (phospho S484) antibody [EPR2725(2)] (ab182583)

Immunohistochemical analysis of paraffin-embedded Human squamous cell carcinoma of cervix tissue labeling UBF1 at 1/100 dilution followed by prediluted HRP Polymer for Rabbit IgG. Counter stained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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