

UBF-1 (Phospho Ser484) Rabbit pAb

CatalogNo: YP0837 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 85kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:5000

IF 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human UBF around the phosphorylation site of Ser484. AA range:451-500

Specificity

Phospho-UBF (S484) Polyclonal Antibody detects endogenous levels of UBF protein only when phosphorylated at S484. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):PEsPK

Target Information

Gene name UBTF

Protein Name Nucleolar transcription factor 1

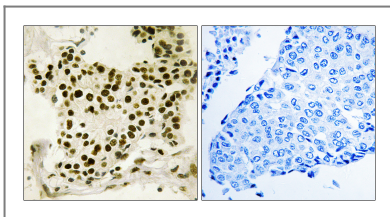
Organism	Gene ID	UniProt ID
Human	7343;	P17480;
Mouse		P25976;
Rat	25574;	P25977;

Cellular Localization Nucleus , nucleolus .

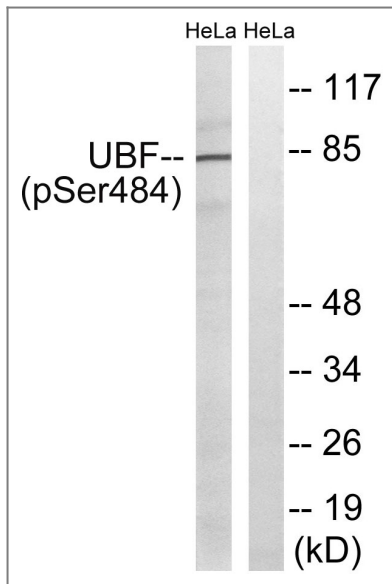
Tissue specificity Lymph ,Placenta ,Testis ,

Function Function:Recognizes the ribosomal RNA gene promoter and activates transcription mediated by RNA polymerase I through cooperative interactions with the species-specific factor SL1. It binds specifically to the upstream control element. ,PTM:Phosphorylated and activated by PIK3CA. ,similarity:Contains 6 HMG box DNA-binding domains. ,subunit:Homodimer. Binds to IRS1 and PIK3CA. ,

Validation Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using UBF (Phospho-Ser484) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HeLa cells treated with calyculinA 50ng/ml 30', using UBF (Phospho-Ser484) Antibody. The lane on the right is blocked with the phospho peptide.

Contact information

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Please scan the QR code to access additional product information:
UBF-1 (Phospho Ser484) Rabbit pAb

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