Data Sheet (Cat.No.TMAC-04188)

Anti-Phospho-Nucleolar transcription factor 1 (Ser484) Polyclonal Antibody

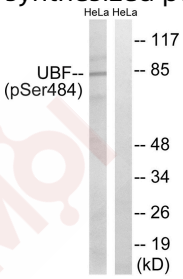
Product Details

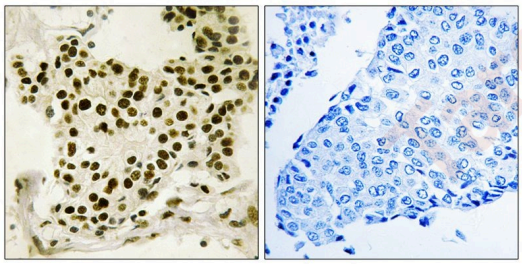
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 85 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Applications

Verified Activity:

1. Western blot analysis of extracts from HeLa cells, treated with calyculinA (50ng/ml, 30mins), using UBF (Phospho-Ser484) antibody TMAC-04188. The lane on the right is treated with the synthesized peptide.
2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using UBF (Phospho-Ser484) antibody TMAC-04188. The picture on the right is treated with the synthesized peptide.





Application:	IHC,WB
Recommended	WB: 1:500-3000; IHC: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of serine 484 (P-E-S(p)-P-K) derived from Human UBF
Antigen Species:	Human
Uniprot ID:	P17480
Synonyms:	Nucleolar transcription factor 1 (p-S484);p-Nucleolar transcription factor 1 (Ser484);p-Nucleolar transcription factor 1 (S484);Nucleolar transcription factor 1 (p-Ser484)

Research Background

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.

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