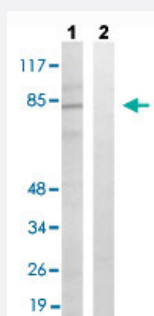


UBTF (phospho S484) polyclonal antibody

Catalog # PAB29589

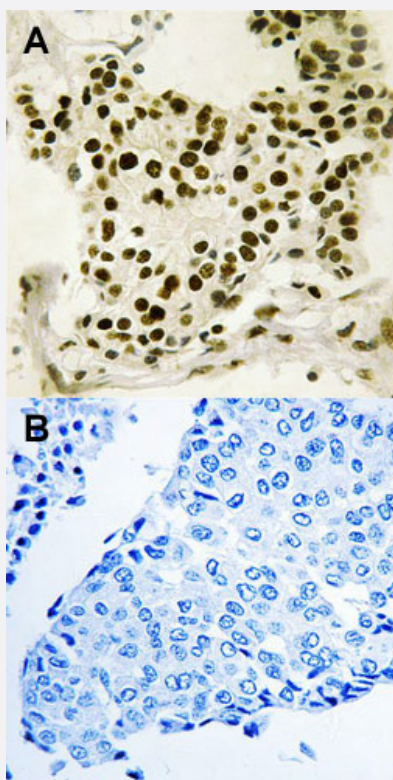
Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: calyculinA (50 ng/mL, 30 mins) treated HeLa cells, Lane 2: Synthesized peptide treated HeLa cells with UBTF (phospho S484) polyclonal antibody (Cat # PAB29589) at 1:500-1:3000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast carcinoma tissue with UBTF (phospho S484) polyclonal antibody (Cat # PAB29589) under 1:50-1:100 dilution (A) or treated with synthesized peptide (B).

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of human UBTF.

Immunogen	A synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S484 of human UBTF.
Host	Rabbit
Theoretical MW (kDa)	85
Reactivity	Human, Mouse, Rat
Specificity	UBTF (phospho S484) polyclonal antibody detects endogenous levels of human UBTF only when phosphorylated at serine 484.
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:100) Western Blot (1:500-1:3000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: calyculinA (50 ng/mL, 30 mins) treated HeLa cells, Lane 2: Synthesized peptide treated HeLa cells with UBTF (phospho S484) polyclonal antibody (Cat # PAB29589) at 1:500-1:3000 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast carcinoma tissue with UBTF (phospho S484) polyclonal antibody (Cat # PAB29589) under 1:50-1:100 dilution (A) or treated with synthesized peptide (B).

Gene Info — UBTF

Entrez GeneID [7343](#)

Protein Accession# [P17480](#)

Gene Name	UBTF
Gene Alias	NOR-90, UBF
Gene Description	upstream binding transcription factor, RNA polymerase I
Omim ID	600673
Gene Ontology	Hyperlink
Gene Summary	<p>Upstream binding factor (UBF) is a transcription factor required for expression of the 18S, 5.8S, and 28S ribosomal RNAs, along with SL 1 (a complex of TBP (MIM 600075) and multiple TBP-associated factors or 'TAFs'). Two UBF polypeptides, of 94 and 97 kD, exist in the human (Bell et al., 1988 [PubMed 3413483]). UBF is a nucleolar phosphoprotein with both DNA binding and transactivation domains. Sequence-specific DNA binding to the core and upstream control elements of the human rRNA promoter is mediated through several HMG boxes (Jantzen et al., 1990 [PubMed 2330041]).[supplied by OMIM]</p>
Other Designations	-