Mouse UBTF Monoclonal Antibody | anti-UBTF antibody

UBTF (Upstream Binding Transcription Factor, RNA Polymerase I, NOR-90, UBF) (FITC)

CATALOG #	HOST	APPLICATIONS
AAA26370	**Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

UBTF; Monoclonal Antibody; UBTF (Upstream Binding Transcription Factor; RNA Polymerase I; NOR-90; UBF) (FITC); Upstream Binding Transcription Factor; UBF; anti-UBTF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2D8
Specificity	Recognizes UBTF.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-UBTF antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	UBTF (NP_055048, 551aa-650aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PPAATNSSKKMKFQGEPKKPPMNGYQKFSQELLSNGELNHLPLKERMVEIGSRWQRISQSQKEHYKKLAEEQQKQYKVHLDLWVKSLSPQDRAAYKEY
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions ca be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged UBTF is approximately 1ng/ml as a capture antibody.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to UBTF on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

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WB (Western Blot)
UBTF monoclonal antibody (M04), clone 2D8 Western Blot analysis of UBTF expression in HepG2 (Cat # L019V1).

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to UBTF on HepG2 cell. [antibody concentration 10 ug/ml]

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Immunofluorescence of monoclonal antibody to UBTF on HepG2 cell. [antibody concentration 10 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-UBTF antibody	Upstream binding factor (UBF) is a transcription factor required for expression of the 18S, 5.8S, and 28S ribosomal RNAs, along with SL1 (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]
Product Categories/Family for anti-UBTF antibody	Antibodies; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657671
NCBI GeneID	7343
NCBI Accession #	NP_055048
NCBI GenBank Nucleotide #	NM_014233
UniProt Accession #	P17480
Molecular Weight	89kDa
NCBI Official Full Name	nucleolar transcription factor 1 isoform a
NCBI Official Synonym Full Names	upstream binding transcription factor
NCBI Official Symbol	UBTF
NCBI Official Synonym Symbols	UBF; UBF1; UBF2; UBF-1; CONDBA; NOR-90
NCBI Protein Information	nucleolar transcription factor 1
UniProt Protein Name	Nucleolar transcription factor 1
UniProt Gene Name	**UBTF**
UniProt Synonym Gene Names	UBF; UBF1; UBF-1
UniProt Entry Name	UBF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/ubtf-antibody-clone-2d8-immunofluorescence-immunohistochemistry-western-blot-elisa/26370