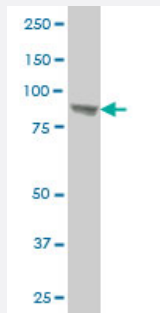


UBTF monoclonal antibody (M05), clone 2C6

Catalog # H00007343-M05

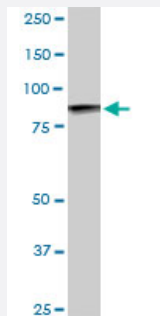
Size 100 ug

Applications



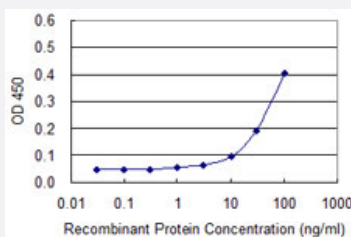
Western Blot (Cell lysate)

UBTF monoclonal antibody (M05), clone 2C6 Western Blot analysis of UBTF expression in HepG2 (Cat # L019V1).



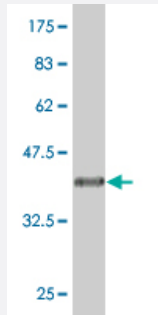
Western Blot (Cell lysate)

UBTF monoclonal antibody (M05), clone 2C6. Western Blot analysis of UBTF expression in PC-12(Cat # L012V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBTF is approximately 30ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant UBTF.
Immunogen	UBTF (NP_055048, 551 a.a. ~ 650 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PPAATNSSKKMKFQGEPKKPPMNGYQKFSQELLSNGELNHLPLKERMVEIGSRWQRISQSQKEH YKKLAEEQQKQYKVHLDLWVKSLSLSPQDRAAYKEYIS
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

UBTF monoclonal antibody (M05), clone 2C6 Western Blot analysis of UBTF expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

UBTF monoclonal antibody (M05), clone 2C6. Western Blot analysis of UBTF expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBTF is approximately 30ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — UBTF

Entrez GeneID [7343](#)

GeneBank Accession# [NM_014233](#)

Protein Accession# [NP_055048](#)

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 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]

Other Designations -