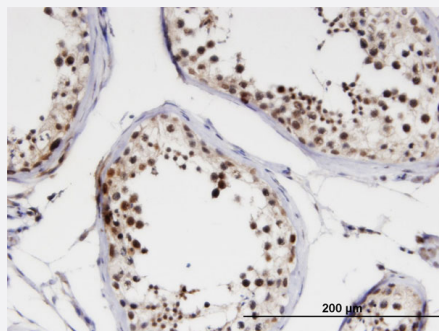


NCBP1 monoclonal antibody (M04), clone 1E9

Catalog # H00004686-M04

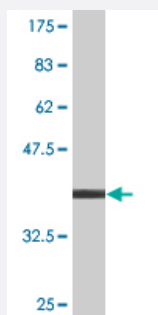
Size 100 ug

Applications



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

Immunoperoxidase of monoclonal antibody to NCBP1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NCBP1.
Immunogen	NCBP1 (NP_002477, 2 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SRRRHSDENDGGQPHKRRKTS DANETEDHLES LICKVGEKSACSLESNLEGLAGVLEADLPNYK SKILRLCTVARLLPEKLTYYTLVGLLNARNYN
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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 (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to NCBP1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA

Gene Info — NCBP1

Entrez GeneID	4686
GeneBank Accession#	NM_002486
Protein Accession#	NP_002477
Gene Name	NCBP1
Gene Alias	CBP80, MGC2087, NCBP
Gene Description	nuclear cap binding protein subunit 1, 80kDa
Omim ID	600469
Gene Ontology	Hyperlink

Gene Summary

The product of this gene is a component of the nuclear cap-binding protein complex (CBC), which binds to the monomethylated 5' cap of nascent pre-mRNA in the nucleoplasm. The encoded protein promotes high-affinity mRNA-cap binding and associates with the CTD of RNA polymerase II. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. [provided by RefSeq]

Other Designations

OTTHUMP00000021753