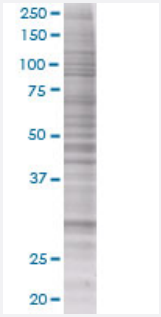
MAPRE1 293T Cell Transient Overexpression Lysate(Denatured)

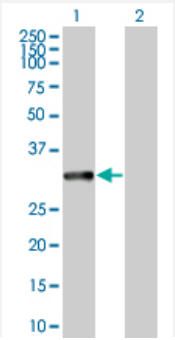
Catalog # H00022919-T01 Size 100 uL

Applications



SDS-PAGE Gel

MAPRE1 transfected lysate.



Western Blot

Lane 1: MAPRE1 transfected lysate (30 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MAPRE1 full-length
Host	Human
Theoretical MW (kDa)	29.59
Interspecies Antigen Sequence	Mouse (97); Rat (96)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-MAPRE1 antibody (H00022919-B01) by Western Blots. SDS-PAGE Gel MAPRE1 transfected lysate. Western Blot Lane 1: MAPRE1 transfected lysate (30 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MAPRE1

Entrez GeneID	22919
GeneBank Accession#	NM_012325
Protein Accession#	NP_036457
Gene Name	MAPRE1
Gene Alias	EB1, MGC117374, MGC129946
Gene Description	microtubule-associated protein, RP/EB family, member 1
Omim ID	603108
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene was first identified by its binding to the APC protein which is often mutated in familial and sporadic forms of colorectal cancer. This protein localizes to microtubules, especially the growing ends, in interphase cells. During mitosis, the protein is associated with the centrosomes and spindle microtubules. The protein also associates with components of the dynactin complex and the intermediate chain of cytoplasmic dynein. Because of these associations, it is thought that this protein is involved in the regulation of microtubule structures and chromosome stability. This gene is a member of the RP/EB family. [provided by RefSeq
Other Designations	OTTHUMP00000030608|adenomatous polyposis coli-binding protein EB1