BioVision

09/16

Phospho-MNK1 (Thr250) Antibody

Immunohistochemical analysis of MYPT1 (pT696) staining in human breast cancer formalin fixed paraffin embedded tissue section.

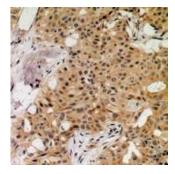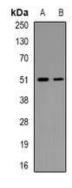|	
CATALOG NO:	A1159-100
ALTERNATIVE NAMES:	MNK1, MAP kinase-interacting serine/threonine-protein kinase 1, MAP kinase signal-integrating kinase 1, MAPK signal-integrating kinase 1, Mnk1
AMOUNT:	100 µl
IMMUNOGEN:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MNK1
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
SPECIFICITY:	Recognizes endogenous levels of MNK1 (pT250) protein
SPECIES REACTIVITY:	Human, Mouse and Rat
PURIFICATION:	The antibody was purified by affinity chromatography
FORM:	Liquid
FORMULATION:	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	This protein may play a role in the response to environmental stress and cytokines. Appears to regulate translation by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.
APPLICATION:	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

Western blot analysis of MYPT1 (pT696) expression in HEK293T PMA-treated (A); HEK293T UV-treated (B) whole cell lysates

RELATED PRODUCTS:

- p38 MAP Kinase Antibody **(Cat. No. 3114-100)**
- 42/44 MAPK Antibody **(Cat. No. 3542-100)**
- p44/42 MAPK (Erk1/2) Antibody **(Cat. No. 3085R-100)**
- P44/p42 MAPK (Erk1/2) Blocking Peptide **(Cat. No. 3085RBP-50)**
- PathwayReady™ MAP Kinase Signaling Inhibitor Panel **(Cat. No. K862-7)**
- Phospho-Erk1/2 Antibody **(Cat. No. 3441-100)**
- Phospho-MAPKAPK-2 Antibody **(Cat. No. 3434-100)**
- Phospho-p38 MAPK Antibody **(Cat. No. 3438-100)**

FOR RESEARCH USE ONLY! Not to be used on humans.