

## Anti-MPP8 Antibody (71556)

## Product Details

Ig Type:	IgG/Kappa
Reactivity:	Mouse
Clone:	71556
Purification:	Protein A purified

## Applications

	Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1:1000
	Primary ab incubation condition: room temperature 2 h
	Secondary ab: Goat Anti-Mouse IgG H&L (HRP)
Verified Activity:	Lysate: 1: MEF, 2: Mouse E12 brain, 3: 4T1, 4: F9
	Protein loading quantity: 20 µg
	Exposure time: 30 s
	Predicted MW: 110 kDa
	Observed MW: 125 kDa
Application:	WB
Recommended	WB: 1:500-1000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Gene ID:	54737
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## Research Background

MPHOSPH8 is a 860 amino acid nuclear protein that is phosphorylated in the M (mitotic) phase of the cell cycle. MPHOSPH8 contains four ANK repeats, motifs that are typically found in transcriptional regulators and cell cycle proteins and may be involved in protein-protein binding. Due to evidence suggesting that MPHOSPH8 forms a complex with Muskelein and Ran BP-M, a GTPase implicated in a diverse array of cellular processes, it may play a role in the Ran GTPase cycle. The gene encoding MPHOSPH8 resides on chromosome 13. There are two isoforms of MPHOSPH8 that are produced as a result of alternative splicing events.

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