

# 4E BP1 Rabbit mAb

Catalog # AP76850

## Product Information

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<b>Application</b>	WB, IHC-P, IP
<b>Primary Accession</b>	<a href="#">Q13541</a>
<b>Reactivity</b>	Human, Mouse, Rat, Hamster
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	12580

## Additional Information

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<b>Gene ID</b>	1978
<b>Other Names</b>	EIF4EBP1
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IP~~1/20
<b>Format</b>	Liquid

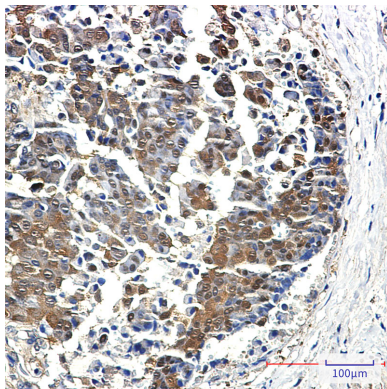
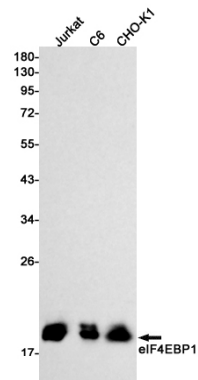
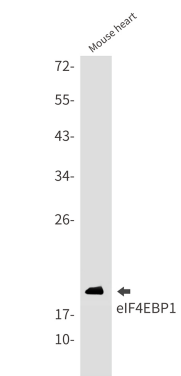
## Protein Information

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<b>Name</b>	EIF4EBP1
<b>Function</b>	Repressor of translation initiation that regulates EIF4E activity by preventing its assembly into the eIF4F complex: hypophosphorylated form competes with EIF4G1/EIF4G3 and strongly binds to EIF4E, leading to repress translation. In contrast, hyperphosphorylated form dissociates from EIF4E, allowing interaction between EIF4G1/EIF4G3 and EIF4E, leading to initiation of translation. Mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase and mTORC1 pathways.
<b>Cellular Location</b>	Cytoplasm. Nucleus. Note=Localization to the nucleus is unaffected by phosphorylation status. {ECO:0000250   UniProtKB:Q60876}

## Images

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