

Datasheet for ABIN2487252

anti-MTOR antibody (Exon 5, Exon 6)[Go to Product page](#)**2** Images

Overview

Quantity:	0.1 mg
Target:	MTOR (mTOR)
Binding Specificity:	Exon 5, Exon 6
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTOR antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide (Human) - which represents a portion of human Mammalian Target of Rapamycin encoded in part by exons 5 and 6.
Isotype:	IgG
Purification:	affinity purified

Target Details

Target:	MTOR (mTOR)
Alternative Name:	mTOR (mTOR Products)
Background:	Mammalian target of rapamycin (mTOR) regulates cell growth, cell proliferation, cell motility, cell survival, protein synthesis, and transcription. It is activated in response to nutrients, growth factors and cellular energy.

Target Details

Pathways:	PI3K-Akt Signaling, RTK Signaling, AMPK Signaling, Interferon-gamma Pathway, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of Actin Filament Polymerization, Regulation of Muscle Cell Differentiation, Regulation of Cell Size, Skeletal Muscle Fiber Development, Regulation of Carbohydrate Metabolic Process, Autophagy, CXCR4-mediated Signaling Events, BCR Signaling, Warburg Effect
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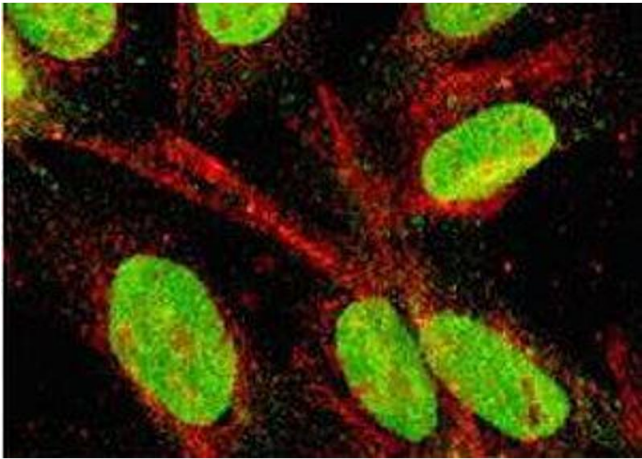
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Restrictions:	For Research Use only

Handling

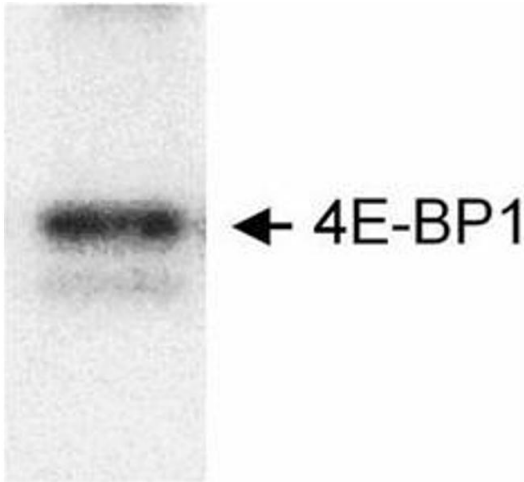
Format:	Liquid
Storage:	-20 °C

Images



Immunofluorescence

Image 1.



Western Blotting

Image 2.