

Datasheet for ABIN7182037
anti-MTOR antibody (pThr2446)



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1 Image

Overview

Quantity:	100 µg
Target:	MTOR (mTOR)
Binding Specificity:	pThr2446
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTOR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from Human mTOR around the phosphorylation site of T2446.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	MTOR (mTOR)
Alternative Name:	MTOR (mTOR Products)
Background:	DJ576K7.1 (FK506 binding protein 12 rapamycin associated protein 1) antibody, FK506 binding

Target Details

protein 12 rapamycin associated protein 1 antibody, FK506 binding protein 12 rapamycin associated protein 2 antibody, FK506 binding protein 12 rapamycin complex associated protein 1 antibody, FK506-binding protein 12-rapamycin complex-associated protein 1 antibody, FKBP rapamycin associated protein antibody, FKBP12 rapamycin complex associated protein antibody, FKBP12-rapamycin complex-associated protein 1 antibody, FKBP12-rapamycin complex-associated protein antibody, FLJ44809 antibody, FRAP antibody, FRAP1 antibody, FRAP2 antibody, Mammalian target of rapamycin antibody, Mechanistic target of rapamycin antibody, mTOR antibody, MTOR_HUMAN antibody, OTTHUMP00000001983 antibody, RAFT1 antibody, Rapamycin and FKBP12 target 1 antibody, Rapamycin associated protein FRAP2 antibody, Rapamycin target protein 1 antibody, Rapamycin target protein antibody, RAPT1 antibody, Serine/threonine-protein kinase mTOR antibody

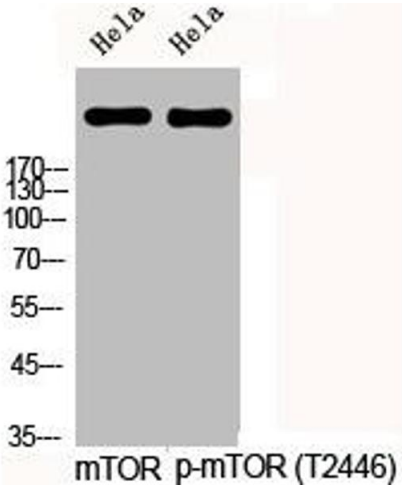
UniProt:	P42345
Pathways:	PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , Interferon-gamma Pathway , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Actin Filament Polymerization , Regulation of Muscle Cell Differentiation , Regulation of Cell Size , Skeletal Muscle Fiber Development , Regulation of Carbohydrate Metabolic Process , Autophagy , CXCR4-mediated Signaling Events , BCR Signaling , Warburg Effect

Application Details

Application Notes:	WB:1:500-1:2000, ELISA:1:10000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot analysis of HELA cells using Phospho-mTOR (T2446) Polyclonal Antibody