

Datasheet for ABIN1841579
anti-MTOR antibody (Ser2481)



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Overview

Quantity:	400 µL
Target:	MTOR (mTOR)
Binding Specificity:	Ser2481
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTOR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Specificity:	This mTOR (FRAP1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2459-2488 amino acids from human mTOR (FRAP1).
Purification:	Protein A purified

Target Details

Target:	MTOR (mTOR)
Alternative Name:	MTOR (mTOR Products)
Background:	Name/Gene ID: MTOR Subfamily: PI3/PI4 Family: Protein Kinase

Target Details

Synonyms: MTOR, FRAP1, FRAP2, FRAP, Mammalian target of rapamycin, RAFT1, Rapamycin and FKBP12 target 1, RAPT1, Rapamycin target protein 1

Gene ID:	2475
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:	Approved: IF (1:10 - 1:50), IHC, IHC-P (1:10 - 1:50), WB (1:1000)
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.09 % 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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.
Expiry Date:	6 months