

Datasheet for ABIN1915270
anti-MTOR antibody (AA 1675-1725)



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Overview

Quantity:	100 µL
Target:	MTOR (mTOR)
Binding Specificity:	AA 1675-1725
Reactivity:	Human, Mouse, Rat, Cow, Sheep, Dog, Chicken, Horse, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTOR antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Isotype:	IgG
Specificity:	Region between residue 1675 and 1725 of human mammalian target of rapamycin using the numbering given in entry NP_004949.1 (GeneID 2475).
Purification:	Immunoaffinity 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
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: IP (2 - 5 µg/mg lysate), WB (1:2000 - 1:10000)
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Tris-citrate/phosphate buffer, pH 7-8, 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
Storage Comment:	Store at 2-8°C for up to 1 year.
Expiry Date:	12 months