

Datasheet for ABIN5618284
anti-MTOR antibody (Ser2481)



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Overview

Quantity:	100 µg
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), ELISA

Product Details

Immunogen:	mTOR antibody was raised in Rabbit using a synthesized non-phosphopeptide derived from human mTOR around the phosphorylation site of serine 2481 (I-H-SP-F-I) as the immunogen
Isotype:	IgG
Specificity:	MTOR antibody detects endogenous levels of total mTOR protein
Cross-Reactivity (Details):	Mouse, Rat
Characteristics:	Rabbit polyclonal mTOR antibody
Purification:	mTOR antibody was purified by affinity chromatography

Target Details

Target:	MTOR (mTOR)
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Target Details

Alternative Name:	mTOR (mTOR Products)
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 - 1:1000, IHC: 1:50 - 1:100, ELISA: 1:10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied in liquid format, PBS buffer, pH 7.4, 150 mM NaCl with added preservative 0.02 % sodium azide and 50 % glycerol
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
Storage Comment:	Aliquot and store at -20 deg C. Avoid repeated freeze thaw cycles