

Datasheet for ABIN6282535
anti-MTOR antibody (pSer2481)



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Overview

Quantity:	50 µL
Target:	MTOR (mTOR)
Binding Specificity:	AA 2420-2500, pSer2481
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTOR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal to Phospho-mTOR (S2481).
Immunogen:	Synthesized peptide derived from human mTOR around the phosphorylation site of S2481.
Isotype:	IgG
Specificity:	Phospho-mTOR (S2481) Polyclonal Antibody detects endogenous levels of mTOR protein only when phosphorylated at S2481.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	MTOR (mTOR)
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Target Details

Alternative Name:	mTOR (mTOR Products)
Molecular Weight:	280 kDa
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:	IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
Comment:	Expressed in numerous tissues, with highest levels in testis.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
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
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.