

Datasheet for ABIN560948

anti-MTOR antibody (AA 1521-1620)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µL
Target:	MTOR (mTOR)
Binding Specificity:	AA 1521-1620
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This MTOR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant FRAP1.
Immunogen:	MTOR (NP_004949, 1521 a.a. ~ 1620 a.a) partial recombinant protein with GST tag.
Sequence:	WGLGQWDSME EYTCMIPRDT HDGAFYRAVL ALHQDLFSLA QQCIDKARDL LDAELTAMAG ESYSRAYGAM VSCHMLSELE EVIQYKLVPE RREIRQIWW
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	MTOR (mTOR)
Alternative Name:	MTOR (mTOR Products)

Target Details

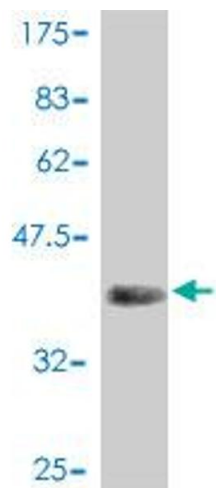
Background:	Full Gene Name: mechanistic target of rapamycin Synonyms: FRAP,FRAP1,FRAP2,RAFT1,RAPT1
Gene ID:	2475
NCBI Accession:	NM_004958
Pathways:	PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , Interferon-gamma Pathway , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin 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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	50 % glycerol
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. Western Blot detection against Immunogen (37 kDa) .