

DEPTOR Polyclonal Antibody Cy3 Conjugated

Catalog No: #C07344Cy3

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Description

Product Name	DEPTOR Polyclonal Antibody Cy3 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 62-107 409 derived from human DEPTOR DEPDC6
Conjugates	Cy3
Target Name	DEPTOR
Other Names	DEP.6; DEPDC6; DEP domain-containing mTOR-interacting protein; DEP domain-containing protein 6; DEPTOR
Accession No.	Swiss-Prot#:Q8TB45NCBI Gene ID:64798
Uniprot	Q8TB45
GeneID	64798;
Excitation Emission	512,550nm 570,615nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

DEPTOR (DEP domain containing MTOR-interacting protein), also known as DEP.6 or DEPDC6 (DEP domain-containing protein 6), is a 409 amino acid protein that negatively regulates mTORC1 and mTORC2 pathways. DEPTOR interacts with FRAP via its PDZ domain, and undergoes post-translational phosphorylation. Containing two DEP domains and one PDZ (DHR) domain, DEPTOR is encoded by a gene that maps to human chromosome 8q24.12. Chromosome 8 consists of nearly 146 million base pairs, encodes over 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that map to chromosome 8.

Note: This product is for in vitro research use only