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Datasheet for ABIN6985601
anti-DEPTOR antibody (AA 151-250) (Cy5.5)

Overview

Quantity:	100 µL
Target:	DEPTOR
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEPTOR antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DEPTOR
Isotype:	IgG
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DEPTOR
Alternative Name:	DEPTOR (DEPTOR Products)
Background:	DEPTOR (DEP domain containing MTOR-interacting protein), also known as DEP.6 or DEPDC6

Target Details

(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.

Subcellular location: Cytoplasm

Synonyms: DEP domain containing 6, DEP domain-containing mTOR-interacting protein, DEP domain-containing protein 6, DEPDC6, DEPTOR, DPTOR_HUMAN.

Gene ID: 64798

UniProt: [Q8TB45](#)

Pathways: [PI3K-Akt Signaling](#), [RTK Signaling](#), [Regulation of Cell Size](#), [BCR Signaling](#), [Warburg Effect](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C/-80 °C

Handling

Storage Comment: Store at -20°C, for long storage, store at -80°C. Avoid multiple freeze-thaw cycles

Expiry Date: 12 months