

Product Name: DEPDC5 Rabbit Monoclonal Antibody
Catalog #: AMRe87705



Summary

Production Name	DEPDC5 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	DEPDC5
Alternative Names	DEP.5; FFEVF; FPEVF; FFEVF1
Gene ID	9681, 277854
SwissProt ID	O75140, P61460.

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	Calculated MW:181 kDa; Observed MW:181 kDa

Background

This gene encodes a member of the IML1 family of proteins involved in G-protein signaling pathways. The mechanistic

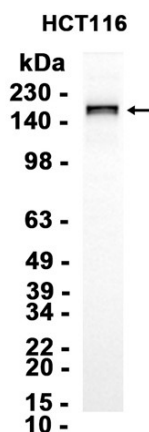
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target of rapamycin complex 1 (mTORC1) pathway regulates cell growth by sensing the availability of nutrients. The protein encoded by this gene is a component of the GATOR1 (GAP activity toward Rags) complex which inhibits the amino acid-sensing branch of the mTORC1 pathway. Mutations in this gene are associated with autosomal dominant familial focal epilepsy with variable foci. A single nucleotide polymorphism in an intron of this gene has been associated with an increased risk of hepatocellular carcinoma in individuals with chronic hepatitis C virus infection. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

Research Area

Image Data



Western blot analysis of extracts from HCT116 cells using AMRe87705 at 1:1000.

Note

For research use only.