

Rabbit DEPDC5 Polyclonal Antibody | anti-DEPDC5 antibody

Phospho-DEPDC5 (Ser1002) Antibody

CATALOG # AAA329974	HOST Rabbit	APPLICATIONS Western Blot
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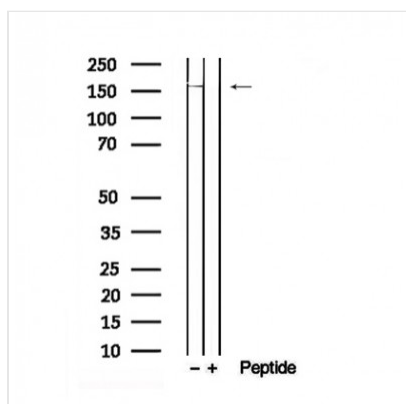
PRODUCT SYNONYMS

DEPDC5; Polyclonal Antibody; Phospho-DEPDC5 (Ser1002) Antibody; DEP domain containing 5; DEP domain-containing protein 5; DEP.5; DEPDC5_HUMAN; FFEVF; KIAA0645; anti-DEPDC5 antibody

PRODUCT SPECIFICATIONS

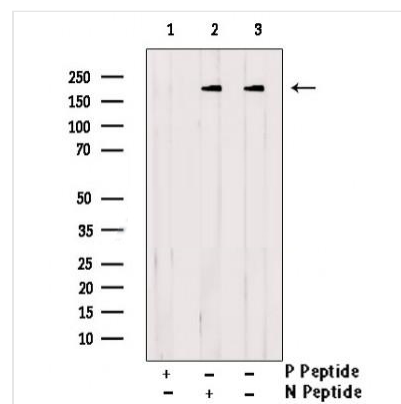
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Applicable Applications for anti-DEPDC5 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human DEPDC5 around the phosphorylation site of S1002.
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20 °C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa, using Phospho-DEPDC5 (S1002) Antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using Phospho-DEPDC5 (Ser1002) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DEPDC5 antibody	As a component of the GATOR1 complex functions as an inhibitor of the amino acid-sensing branch of the TORC1 pathway. The GATOR1 complex strongly increases GTP hydrolysis by RRAGA and RRAGB within RRAGC-containing heterodimers, thereby deactivating RRAGs, releasing mTORC1 from lysosomal surface and inhibiting mTORC1 signaling. The GATOR1 complex is negatively regulated by GATOR2 the other GATOR subcomplex in this amino acid-sensing branch of the TORC1 pathway.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	510120820
NCBI GeneID	9681
UniProt Accession #	O75140; Q5K3V5; Q5THY9; Q5THZ0; Q5THZ1; Q5THZ3; Q68DR1; Q6MZX3; A6H8V6; A8MPX9; B4DH93; B9EGN9
Molecular Weight	180 kDa
NCBI Official Full Name	DEP domain-containing protein 5
NCBI Official Synonym Full Names	DEP domain containing 5
NCBI Official Symbol	DEPDC5
NCBI Official Synonym Symbols	DEP.5; FFEVF
NCBI Protein Information	DEP domain-containing protein 5
UniProt Protein Name	DEP domain-containing protein 5
UniProt Gene Name	DEPDC5
UniProt Synonym Gene Names	KIAA0645
UniProt Entry Name	DEPD5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.