DEPP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DEPP, Polyclonal Antibody
Full Product Name	DEPP Antibody, FITC conjugated
Product Gene Name	anti-DEPP antibody
Product Synonym Names	Protein DEPP; Decidual protein induced by progesterone; Fasting-induced gene protein; FIG; DEPP; C10orf10; FIG
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: DEPP (MBS7110447) FITC Conjugated Antibody: DEPP (MBS7110449)
Molecular Weight	23,406 Da
OMIM	AB022718 mRNA
3D Structure	ModBase 3D Structure for Q9NTK1
Immunogen	Recombinant Human Protein DEPP protein (57-174AA)
Conjugation	FITC
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DEPP antibody	ELISA (EIA)
Related Product Information for anti-DEPP antibody	MBS7110449 is an antibody targeting DEPP. Also known as DEPP Antibody, FITC conjugated. Reactive in Human. Host: Rabbit. May play a role in autophagy.
Other Notes	Small volumes of anti-DEPP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DEPP. It may not necessarily be applicable to this product.

NCBI GI #	5901938
NCBI GeneID	11067
NCBI Accession #	NP_008952.1

UniProt Primary Accession #	Q9NTK1
UniProt Secondary Accession #	O94997; Q5T735; Q76MX8; B2R6A1
UniProt Related Accession #	Q9NTK1
GenBank Nucleotide #	NM_007021.3
NCBI Official Full Name	protein DEPP1
NCBI Official Synonym Full Names	DEPP1, autophagy regulator
NCBI Official Symbol	DEPP1
NCBI Official Synonym Symbols	FIG; DEPP; Fseg; C10orf10
UniProt Protein Name	Protein DEPP1
UniProt Synonym Protein Names	Decidual protein induced by progesterone
Protein Family	Protein
UniProt Gene Name	DEPP1
UniProt Synonym Gene Names	FIG
NCBI Protein Information	protein DEPP1
NCBI Summary for DEPP	The expression of this gene is induced by fasting as well as by progesterone. The protein encoded by this gene contains a t-synaptosome-associated protein receptor (SNARE) coiled-coil homology domain and a peroxisomal targeting signal. Production of the encoded protein leads to phosphorylation and activation of the transcription factor ELK1. [provided by RefSeq, Jul 2008]
UniProt Comments for DEPP	Acts as a critical modulator of FOXO3-induced autophagy via increased cellular ROS.
Research Articles on DEPP	**1.** Knockdown of DEPP prevented the primary and secondary reactive oxygen species wave during FOXO3 activation.
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