DIEXF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DIEXF, Polyclonal Antibody
Full Product Name	DIEXF Antibody
Product Gene Name	anti-DIEXF antibody
Product Synonym Names	C1orf107; DEF; Diexf; DIEXF_HUMAN; Digestive organ expansion factor homolog (zebrafish); Digestive organ expansion factor homolog; DJ434O14.5
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Concentration	1mg/ml (lot specific)
Specificity	DIEXF Antibody detects endogenous levels of DIEXF.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	DIEXF peptide (MBS9633156) is used for blocking the activity of DIEXF antibody (MBS9630773)
Molecular Weight	87,055 Da
3D Structure	ModBase 3D Structure for Q68CQ4
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human DIEXF.
Conjugation	Unconjugated
Similarity	Belongs to the def family.
Function	Regulates the p53 pathway to control the expansion growth of digestive organs.
Product Categories/Family for anti-DIEXF antibody	Nucleus; Primary
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DIEXF antibody	ELISA (EIA)(peptide)
Application Notes for anti-DIEXF antibody	ELISA(peptide): 1:20000-1:40000
Related Product Information for anti-DIEXF antibody	MBS9630773 is an antibody targeting DIEXF. Also known as DIEXF Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.

Other Notes	Small volumes of anti-DIEXF 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 DIEXF. It may not necessarily be applicable to this product.

NCBI GI #	75677335
NCBI GeneID	27042
NCBI Accession #	NP_055203.4
UniProt Primary Accession #	Q68CQ4
UniProt Secondary Accession #	O75992; Q4VY00; Q63HL9
UniProt Related Accession #	Q68CQ4
GenBank Nucleotide #	NM_014388.6
NCBI Official Full Name	digestive organ expansion factor homolog
NCBI Official Synonym Full Names	digestive organ expansion factor homolog (zebrafish)
NCBI Official Symbol	DIEXF
NCBI Official Synonym Symbols	DEF; UTP25; C1orf107; DJ434O14.5
UniProt Protein Name	Digestive organ expansion factor homolog
Protein Family	Digestive organ expansion factor
UniProt Gene Name	DIEXF
UniProt Synonym Gene Names	C1orf107; DEF
UniProt Entry Name	DIEXF_HUMAN
NCBI Protein Information	digestive organ expansion factor homolog
UniProt Comments for DIEXF	DEF: Regulates the p53 pathway to control the expansion growth of digestive organs. Belongs to the def family. Protein type: Nucleolus Chromosomal Location of Human Ortholog: 1q32.2 Cellular Component: small subunit processome; nucleolus Molecular Function: rRNA binding Biological Process: maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA); multicellular organismal development
Research Articles on DIEXF	**1.** Colonic tissue from patients with Hirschsprung's disease showed lower expression levels of digestive-organ expansion factor (DIEXF).
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