HBAE1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Hbae1, Polyclonal Antibody
Full Product Name	Hbae1 (Center) (DANRE) Rabbit pAb
Product Gene Name	anti-Hbae1 antibody
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB46577
Host	Rabbit
Species Reactivity	Zebrafish
Purity/Purification	Affinity Purified
3D Structure	ModBase 3D Structure for Q7ZT21
Immunogen	This DANRE hbae1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 46-80 amino acids from the central region of DANRE hbae1.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Hbae1 antibody	Western Blot (WB)
Application Notes for anti-Hbae1 antibody	WB: 1:1000
Related Product Information for anti-Hbae1 antibody	MBS8556394 is an antibody targeting Hbae1. Also known as Hbae1 (Center) (DANRE) Rabbit pAb. Reactive in Zebrafish. Host: Rabbit.
Other Notes	Small volumes of anti-Hbae1 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 Hbae1. It may not necessarily be applicable to this product.

NCBI GI #	33636711
NCBI GeneID	30597
NCBI Accession #	NP_891985.1
UniProt Primary Accession #	Q7ZT21
GenBank Nucleotide #	NP_891985.1
NCBI Official Full Name	hemoglobin, alpha embryonic 1.1
NCBI Official Synonym Full Names	hemoglobin, alpha embryonic 1.1
NCBI Official Symbol	hbae1.1
NCBI Official Synonym Symbols	hba2; HBA2r; HBAA1; hbae1; dZ118J2.6; zgc:86936; wu:fa12a11; wu:fb74f06; SI:dZ118J2.8; si:by119c3.1; si:by119c3.3; SI:dZ118J2.10; si:xx-119c3.3

UniProt Protein Name	Embryonic alpha globin e1
UniProt Synonym Protein Names	Embryonic alpha globin e1
UniProt Gene Name	hbae1
UniProt Entry Name	Q7ZT21_DANRE
NCBI Protein Information	hemoglobin, alpha embryonic 1.1
Research Articles on Hbae1	**1.** Data indicate that during embryonic development, depletion of Grx3 severely impairs the maturation of hemoglobin, the major iron-consuming process.
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