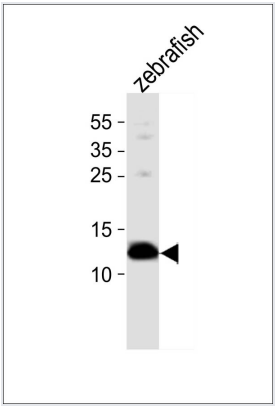
ba1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ba1, Polyclonal Antibody
Full Product Name	(DANRE) ba1 Antibody (N-term)
Product Gene Name	anti-ba1 antibody
Product Synonym Names	Hemoglobin subunit beta-1; Beta-1-globin; Beta-A1-globin; Hemoglobin beta-1 chain; ba1
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Zebrafish
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.5 (lot specific)
Specificity	This (DANRE) ba1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 2-35 amino acids from the N-terminal region of DANRE ba1.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	ba1 peptide (MBS9229582) is used for blocking the activity of ba1 antibody (MBS9202510)
Molecular Weight	16389
3D Structure	ModBase 3D Structure for Q90486
Crown Antibody	Yes
Antigen Source	HUMAN
Product Categories/Family for anti-ba1 antibody	Crown Antibodies
Applications Tested/Suitable for anti-ba1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-ba1 antibody	WB~~1:1000
Related Product Information for anti-ba1 antibody	MBS9202510 is an antibody targeting ba1. Also known as (DANRE) ba1 Antibody (N-term). Reactive in Zebrafish. Host: Rabbit. Involved in oxygen transport from gills to the various peripheral tissues.
Product References and Citations for anti-ba1 antibody	Chan F.-Y.,et al.Blood 89:688-700(1997). Howe K.,et al.Nature 496:498-503(2013).
Other Notes	Small volumes of anti-ba1 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.



Western Blot (WB) of anti-ba1 antibody
Western blot analysis of lysate from zebrafish tissue, using (DANRE) ba1 Antibody (N-term). MBS9202510 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 5ug.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ba1. It may not necessarily be applicable to this product.

NCBI GI #	61556716
NCBI GeneID	504174
NCBI Accession #	NP_001013045.1
UniProt Primary Accession #	Q90486
UniProt Secondary Accession #	Q0P4G3; Q3B7Q0; Q90488
GenBank Nucleotide #	NM_001013027.1
NCBI Official Full Name	ba1 globin, like
NCBI Official Synonym Full Names	ba1 globin, like
NCBI Official Symbol	ba1l
NCBI Official Synonym Symbols	si:bY187G17.4
UniProt Protein Name	Hemoglobin subunit beta-1
UniProt Synonym Protein Names	Beta-1-globin; Beta-A1-globin; Hemoglobin beta-1 chain
Protein Family	Hemoglobin
UniProt Gene Name	ba1
UniProt Entry Name	HBB1_DANRE
NCBI Protein Information	ba1 globin, like
UniProt Comments for ba1	Involved in oxygen transport from gills to the various peripheral tissues.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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