

Rabbit anti-Zebrafish ak2 Polyclonal Antibody | anti-AK2 antibody

Anti-ak2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266218	Rabbit	Zebrafish	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

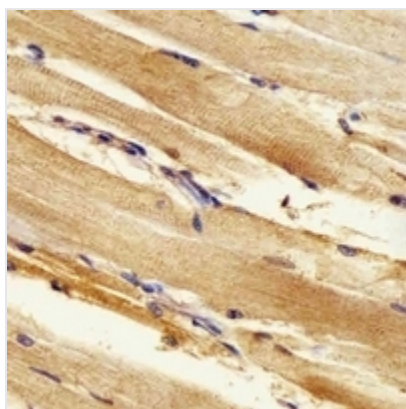
PRODUCT SYNONYMS

ak2; Polyclonal Antibody; Anti-ak2 Antibody; anti-AK2 antibody

PRODUCT SPECIFICATIONS

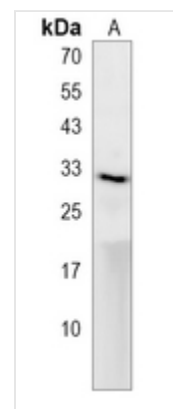
Host	Rabbit
Reactivity	Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ak2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-AK2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of zebrafish ak2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ak2 staining in zebrafish formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ak2 expression in Zebrafish muscle (A) whole cell lysates. (Predicted band size: 26 kD; Observed band size: 29 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-AK2 antibody	Rabbit polyclonal antibody to ak2
---	-----------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	47086835
NCBI GeneID	321793
NCBI Accession #	NP_997761.1
NCBI GenBank Nucleotide #	NM_212596.1
UniProt Accession #	Q1L8L9; Q7T3D7
Molecular Weight	26,616 Da
NCBI Official Full Name	adenylate kinase 2, mitochondrial
NCBI Official Synonym Full Names	adenylate kinase 2
NCBI Official Symbol	ak2
NCBI Official Synonym Symbols	wu:fb34f05; wu:fj80e03
NCBI Protein Information	adenylate kinase 2, mitochondrial
UniProt Protein Name	Adenylate kinase 2, mitochondrial
UniProt Gene Name	ak2
UniProt Synonym Gene Names	AK 2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ak2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/266218>