ARG45832
anti-Zebrafish PHAP3 antibody

Package: 200 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PHAP3
Tested Reactivity	Zfsh
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PHAP3
Species	Zebrafish
Conjugation	Un-conjugated
Alternate Names	ANP32E; acidic (leucine-rich) nuclear phosphoprotein 32 family, member E; LANPL; LANP-like protein; Acidic leucine-rich nuclear phosphoprotein 32 family member E; LANP-L

Application Instructions

Application table

Application	Dilution
IHC-P	2-5 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

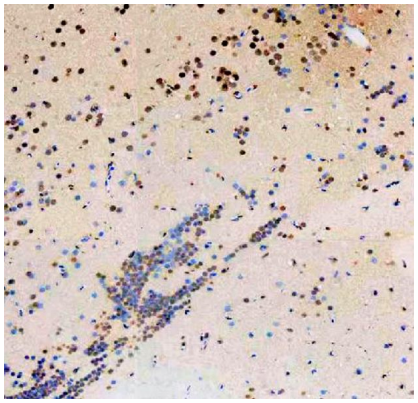
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.02M PBS, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ANP32E
Gene Full Name	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E
Background	The PHAP proteins (tumor suppressor putative HLA-DR associated proteins) are important regulators of mitochondrial apoptosis. PHAP facilitates apoptosome-mediated caspase-9 activation to stimulate the mitochondrial apoptosis pathway. In addition, PHAP opposes both Ras- and myc- mediated cell transformation.
Function	Histone chaperone that specifically mediates the genome-wide removal of histone H2A.Z/H2AFZ from the nucleosome: removes H2A.Z/H2AFZ from its normal sites of deposition, especially from enhancer and insulator regions. Not involved in deposition of H2A.Z/H2AFZ in the nucleosome. May stabilize the evicted H2A.Z/H2AFZ-H2B dimer, thus shifting the equilibrium towards dissociation and the off-chromatin state (PubMed:24463511). Inhibits activity of protein phosphatase 2A (PP2A). Does not inhibit protein phosphatase 1. May play a role in cerebellar development and synaptogenesis. [UniProt]
Calculated Mw	31 kDa
PTM	Phosphorylated. The phosphorylation is nuclear localization signal (NLS)-dependent (By similarity).. [UniProt]
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

Images



ARG45832 anti-Zebrafish PHAP3 antibody IHC-P image

Immunohistochemistry: Zebrafish brain stained with ARG45832 anti-Zebrafish PHAP3 antibody at 2 µg/ml dilution.