

ARG45861 anti-Zebrafish TFAP2A / AP2 alpha antibody

Package: 200 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TFAP2A / AP2 alpha
Tested Reactivity	Zfsh
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TFAP2A / AP2 alpha
Species	Zebrafish
Conjugation	Un-conjugated
Alternate Names	TFAP2A; transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha); BOFS; TFAP2; Activating enhancer-binding protein 2-alpha; AP2-alpha; Transcription factor AP-2-alpha; AP-2; AP-2alpha; AP-2 transcription factor; Activator protein 2; AP2TF

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.	

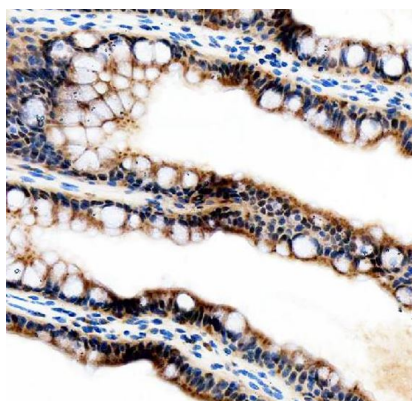
Properties

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	TFAP2A
Gene Full Name	transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)
Background	The protein encoded by this gene is a transcription factor that binds the consensus sequence 5'-GCCNNNGGC-3'. The encoded protein functions as either a homodimer or as a heterodimer with similar family members. This protein activates the transcription of some genes while inhibiting the transcription of others. Defects in this gene are a cause of branchiooculofacial syndrome (BOFS). Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Dec 2009]
Function	Enhances the phosphorylation and activation of AKT1, AKT2 and AKT3. Promotes nuclear translocation of AKT1. Enhances cell proliferation, stabilizes mitochondrial membrane potential and promotes cell survival. [UniProt]
Calculated Mw	48 kDa
PTM	Sumoylated on Lys-10; which inhibits transcriptional activity. [UniProt]

Images



ARG45861 anti-Zebrafish TFAP2A / AP2 alpha antibody IHC-P image

Immunohistochemistry: Zebrafish esophagus stained with ARG45861 anti-Zebrafish TFAP2A / AP2 alpha antibody at 2 µg/ml dilution.
