



Zebrafish TFAP2A blocking peptide (CDBP2951)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Tfap2a antibody
Antigen Description	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]
Species	zebrafish
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TFAP2A transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha) [Homo sapiens (human)]
Official Symbol	TFAP2A

Synonyms	TFAP2A; transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha); AP-2; BOFS; AP2TF; TFAP2; AP-2alpha; transcription factor AP-2-alpha; AP2-alpha; activator protein 2; AP-2 transcription factor; activating enhancer-binding protein 2-alpha;
Entrez Gene ID	7020
mRNA Refseq	NM_001032280.2
Protein Refseq	NP_001027451.1
UniProt ID	P05549
Chromosome Location	6p24
Pathway	Caspase cascade in apoptosis, organism-specific biosystem; Corticotropin-releasing hormone, organism-specific biosystem; Neural Crest Differentiation, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity; RNA polymerase II core promoter proximal region sequence-specific D