



Zebrafish TFAP2A blocking peptide (CDBP2951)

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

PRODUCT INFORMATION

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| 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

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

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| 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 |
