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# Mouse Tfap2a Blocking Peptide (Center)

**Synthetic peptide**
**Catalog # BP20558c**

## Specification

### Mouse Tfap2a Blocking Peptide (Center) - Product Information

| | |
|---|---|
| Primary Accession | P34056 |
| Other Accession | P58197, A1A4R9, Q9N0N3 |

### Mouse Tfap2a Blocking Peptide (Center) - Additional Information

**Gene ID** 21418

**Other Names**
Transcription factor AP-2-alpha, AP2-alpha, AP-2 transcription factor, Activating enhancer-binding protein 2-alpha, Activator protein 2, AP-2, Tfap2a, Ap2tf, Tcfap2a

**Target/Specificity**
The synthetic peptide sequence is selected from aa 154-166 of HUMAN Tfap2a

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### Mouse Tfap2a Blocking Peptide (Center) - Protein Information

**Name** Tfap2a

**Synonyms** Ap2tf, Tcfap2a

**Function**

### Mouse Tfap2a Blocking Peptide (Center) - Background

Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP-2-alpha is the only AP-2 protein required for early morphogenesis of the lens vesicle. Together with the CITED2 coactivator, stimulates the PITX2 P1 promoter transcription activation. Associates with chromatin to the PITX2 P1 promoter region.

### Mouse Tfap2a Blocking Peptide (Center) - References

Moser M.,et al.Nucleic Acids Res. 21:4844-4844(1993).
Meier P.,et al.Dev. Biol. 169:1-14(1995).
Carninci P.,et al.Science 309:1559-1563(2005).
Mitchell P.J.,et al.Genes Dev. 5:105-119(1991).
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**Cellular Location**
Nucleus.

## Mouse Tfap2a Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides