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TFAP2D Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17936b

Specification

TFAP2D Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q7Z6R9

TFAP2D Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 83741

Other Names
Transcription factor AP-2-delta, AP2-delta, Activating enhancer-binding protein 2-delta, Transcription factor AP-2-beta-like 1, TFAP2D (HGNC:15581)

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.

TFAP2D Antibody (C-term) Blocking Peptide - Protein Information

Name TFAP2D (HGNC:15581)

Function
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 (By similarity).

Cellular Location
Nucleus.

Tissue Location
Highly expressed in brain, placenta, skeletal muscle, thymus, small intestine, and prostate, and expressed at lower levels in leukocyte, spleen, testis, ovary and colon. Barely detectable in heart, kidney, liver, lung or pancreas

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TFAP2D Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

TFAP2D Antibody (C-term) Blocking Peptide - Images

TFAP2D Antibody (C-term) Blocking Peptide - 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 (By similarity).

TFAP2D Antibody (C-term) Blocking Peptide - References

Kim, J.M., et al. DNA Res. 13(6):275-286(2006)Wenke, A.K., et al. Biochem. Biophys. Res. Commun. 345(1):495-501(2006)Cheng, C., et al. Int. J. Biochem. Cell Biol. 34(1):78-86(2002)