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IRF6 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP1406b

Specification

IRF6 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O14896

IRF6 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 3664

Other Names
Interferon regulatory factor 6, IRF-6, IRF6

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP1406b was selected from the C-term region of human IRF6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

IRF6 Antibody (C-term) Blocking Peptide - Protein Information

Name IRF6

Function
Probable DNA-binding transcriptional activator. Key determinant of the keratinocyte proliferation-differentiation switch involved in appropriate epidermal development (By similarity). Plays a role in regulating mammary epithelial cell proliferation (By similarity). May regulate WDR65 transcription (By similarity).

Cellular Location
Nucleus. Cytoplasm Note=Translocates to nucleus in response to an activating signal

Tissue Location
Expressed in normal mammary epithelial cells. Expression is reduced or absent in breast carcinomas

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IRF6 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

IRF6 Antibody (C-term) Blocking Peptide - Images

IRF6 Antibody (C-term) Blocking Peptide - Background

IRF6 is a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. Mutations can cause van der Woude syndrome and popliteal pterygium syndrome. This protein is involved in palate formation.

IRF6 Antibody (C-term) Blocking Peptide - References

Jakobsen,L.P., Am. J. Med. Genet. A 143 (22), 2716-2721 (2007)Vieira,A.R., Am. J. Med. Genet. A 143 (17), 2075-2078 (2007)