abcam

Product datasheet

Anti-IRF6 antibody ab58915

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概述

产品名称	Anti-IRF6抗体
描述	**兔多克隆抗体**to IRF6
宿主	Rabbit
经测试应用	**适用于:** WB, ELISA
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat, Sheep, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Pig, Zebrafish
免疫原	A region within synthetic peptide: GPCAPSLVAP NLIERQKKVK LFCLETFLSD LIAHQKGQIE KQPPFEIYLC, corresponding to C terminal amino acids 325-374 of Human IRF6 Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Jurkat nuclear lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
纯度	Protein A purified
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab58915于以下的经测试应用

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明

应用	Ab评论	说明
WB	★★★★☆ (2)	Use a concentration of 2.5 µg/ml. Detects a band of approximately 53 kDa (predicted molecular weight: 53 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
ELISA		Use at an assay dependent concentration. ELISA titre using peptide based assay, 1:312500.

靶标

功能

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.

组织特异性

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

疾病相关

Defects in IRF6 are a cause of van der Woude syndrome (VWS) [MIM:119300]; also known as lip-pit syndrome (LPS). It is an autosomal dominant developmental disorder characterized by lower lip pits, cleft lip and/or cleft palate. Penetrance is incomplete. Van der Woude and popliteal pterygium syndrome are allelic disorders.
Defects in IRF6 are the cause of popliteal pterygium syndrome (PPS) [MIM:119500]. PPS is an autosomal dominant developmental disorder characterized by cleft lip and/or cleft palate, and skin and genital anomalies. Penetrance is incomplete and expressivity is variable. It shows orofacial phenotypic similarities with van der Woude syndrome. Van der Woude and popliteal pterygium syndrome are allelic disorders.
Genetic variation in IRF6 is associated with non-syndromic orofacial cleft type 6 (OFC6) [MIM:608864]; also called non-syndromic cleft lip with or without cleft palate 6. Non-syndromic orofacial cleft is a common birth defect consisting of cleft lips with or without cleft palate. Cleft lips are associated with cleft palate in two-third of cases. A cleft lip can occur on one or both sides and range in severity from a simple notch in the upper lip to a complete opening in the lip extending into the floor of the nostril and involving the upper gum.

序列相似性

Belongs to the IRF family.
Contains 1 IRF tryptophan pentad repeat DNA-binding domain.

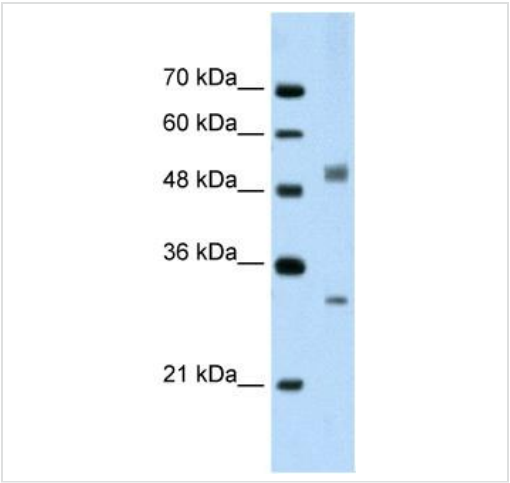
翻译后修饰

Phosphorylated. Phosphorylation status depends on the cell cycle and is a signal for ubiquitination and proteasome-mediated degradation.

细胞定位

Nucleus. Cytoplasm. Translocates to nucleus in response to an activating signal.

图片



Western blot - Anti-IRF6 antibody (ab58915)

Anti-IRF6 antibody (ab58915) at 2.5 µg/ml + Jurkat cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 53 kDa

Observed band size: 53 kDa

Additional bands at: 31 kDa. We are unsure as to the identity of these extra bands.

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