

Product datasheet

Anti-IRF6 antibody ab58915

★★★★☆ 2 Abreviews 2 References 画像数 1

製品の概要

製品名	Anti-IRF6 antibody
製品の詳細	Rabbit polyclonal to IRF6
由来種	Rabbit
アプリケーション	適用あり: WB, ELISA
種交差性	交差種: Human 交差が予測される動物種: 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 KQPPFEMLC, corresponding to C terminal amino acids 325-374 of Human IRF6 Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	<div style="border: 1px solid #ccc; padding: 5px; display: inline-block;">ウエスタン・プロット用ポジティブコントロール Recombinant Human IRF6 protein ></div> Jurkat nuclear lysate

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: None Constituents: 2% Sucrose, PBS
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab58915** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリ ケーショ ン	Abreviews	特記事項
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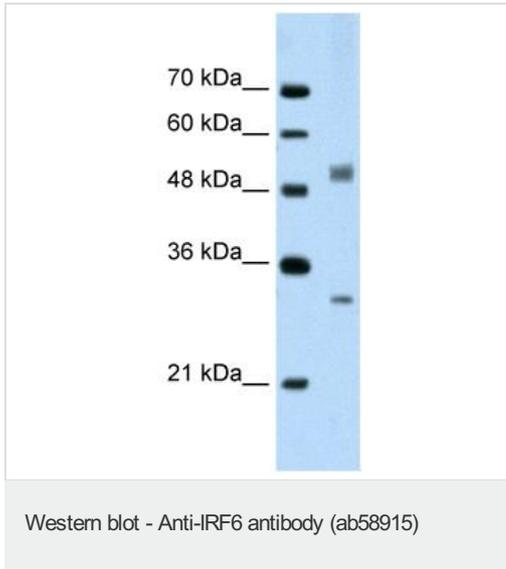
WB ★★★★★ Use a concentration of 2.5 µg/ml. Detects a band of approximately 53 kDa (predicted molecular weight: 53 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

ELISA Use at an assay dependent concentration.
ELISA titre using peptide based assay, 1:312500.

ターゲット情報

機能	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.
組織特異性	Expressed in normal mammary epithelial cells. Expression is reduced or absent in breast carcinomas.
関連疾患	<p>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.</p> <p>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.</p> <p>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.</p>
配列類似性	Belongs to the IRF family. Contains 1 IRF tryptophan pentad repeat DNA-binding domain.
翻訳後修飾	Phosphorylated. Phosphorylation status depends on the cell cycle and is a signal for ubiquitination and proteasome-mediated degradation.
細胞内局在	Nucleus. Cytoplasm. Translocates to nucleus in response to an activating signal.

画像



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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