abcam

Product datasheet

Recombinant Human IRF6 protein ab132057

2 References 1 图像

描述

产品名称	重组人IRF6蛋白
表达系统	Wheat germ
Accession	O14896
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MALHPRRVRLKPWLVAQVDSGLYPGLIWLHRDSKRFQIPWKH ATRHSPQQ EEENAIFKAWAVETGKYQEGVDDPDPAKWKAQLRCALNKSRE FNLMYDGT KEVPMNPVKIYQVCDIPQPQGSIINPGSTGSAPWDEKDNDVD EEDEEDEL DQSQHHVPIQDTFPFLNINGSPMAPASVGNCSVGNCSPEAVW PKTEPLEM EVPQAPIQPFYSSPELWISSLPMTDLDIKFQYRGKEYGQTMT VSNPQGCR LFYGDLGPMPDQEELFGPVSLEQVKFPGPEHITNEKQKLFTS KLLDVMDR GLILEVSGHAIYAIRLCQCKVYWSGPCAPSLVAPNLIERQKK VKLFCLET FLSDLIAHQKGQIEKQPPFEIYLCFGEEWPDGKPLERKLILV QVIPVVAR MIYEMFSGDFTRSFDSGSVRLQISTPDIKDNIVAQLKQLYRI LQTQESWQ PMQPTPSMQLPPALPPQ
预测分子量	77 kDa including tags
氨基酸	1 to 467

技术指标

Our **Abpromise guarantee** covers the use of **ab132057** in the following tested applications.

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

应用	SDS-PAGE

	Western blot
	ELISA
形式	Liquid

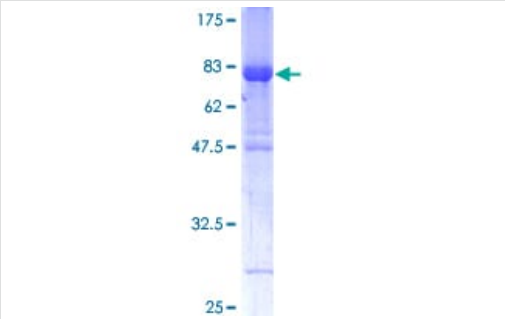
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

常规信息

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



SDS-PAGE - Recombinant Human IRF6 protein (ab132057)

12.5% SDS-PAGE stained with Coomassie Blue, showing ab132057 at approximately 76.89 kDa.

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