

Product datasheet

Anti-DFNB31 antibody ab106980

1 图像

概述

产品名称	Anti-DFNB31抗体
描述	兔多克隆抗体to DFNB31
宿主	Rabbit
特异性	ab106980 will not recognise isoform 2.
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide conjugated to KLH, corresponding to a region within internal sequence amino acids 385-413 of Human DFNB31 (NP_056219.3, NP_001077354.2, NP_001166896.1).
阳性对照	K562 cell lysate.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
存储溶液	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
纯化说明	Purified through a protein A column, followed by peptide affinity purification.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab106980** in the following tested applications.

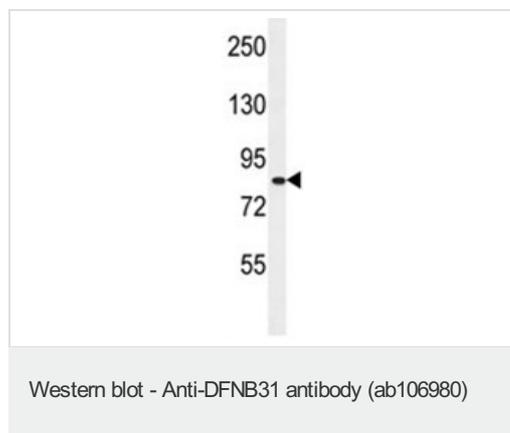
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/100 - 1/500. Predicted molecular weight: 97 kDa.

靶标

功能	Necessary for elongation and maintenance of inner and outer hair cell stereocilia in the organ of Corti in the inner ear.
疾病相关	Defects in WHRN are the cause of deafness autosomal recessive type 31 (DFNB31) [MIM:607084]. DFNB31 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information. Defects in WHRN are the cause of Usher syndrome type 2D (USH2D) [MIM:611383]. USH is a genetically heterogeneous condition characterized by the association of retinitis pigmentosa and sensorineural deafness. Age at onset and differences in auditory and vestibular function distinguish Usher syndrome type 1 (USH1), Usher syndrome type 2 (USH2) and Usher syndrome type 3 (USH3). USH2 is characterized by congenital mild hearing impairment with normal vestibular responses.
序列相似性	Contains 3 PDZ (DHR) domains.
细胞定位	Cytoplasm. Cell projection > stereocilium. Cell projection > growth cone. Detected at the level of stereocilia in inner outer hair cells of the cochlea and vestibule. Co-localizes with the growing ends of actin filaments (By similarity). Colocalizes with MPP1 in the retina, at the outer limiting membrane (OLM), outer plexiform layer (OPL), basal bodies and at the connecting cilium.
形式	There are 4 isoforms produced by alternative splicing.

图片



Anti-DFNB31 antibody (ab106980) at 1/100 dilution + K562 cell lysate at 35 µg

Predicted band size: 97 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors