

Datasheet for ABIN655065
anti-DFNB31 antibody (AA 378-406)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	DFNB31
Binding Specificity:	AA 378-406
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DFNB31 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This DFNB31 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 378-406 amino acids from the Central region of human DFNB31.
Clone:	RB19059
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DFNB31
Alternative Name:	DFNB31 (DFNB31 Products)
Background:	This gene is thought to function in the organization and stabilization of stereocilia elongation and

Target Details

actin cytoskeletal assembly, based on studies of the related mouse gene. Mutations in this gene have been associated with autosomal recessive non-syndromic deafness and Usher Syndrome. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.

Molecular Weight: 96558

Gene ID: 25861

NCBI Accession: [NP_001077354](#), [NP_001166896](#), [NP_056219](#)

UniProt: [Q9P202](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

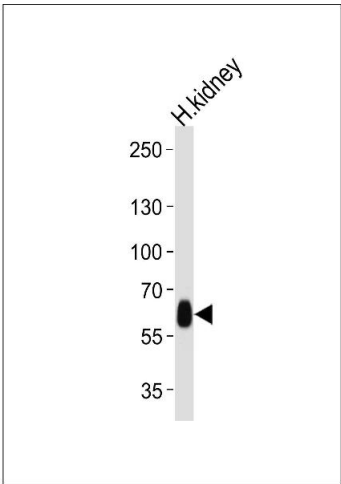
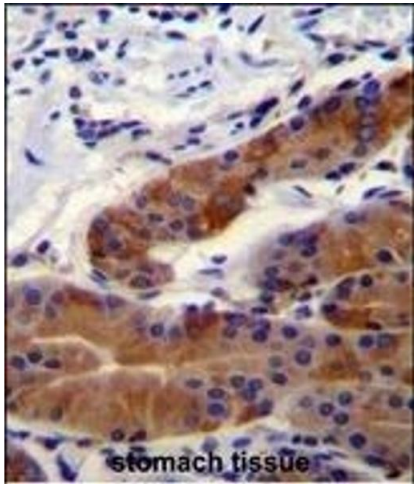
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. DFNB31 Antibody (Center) (ABIN655065 and ABIN2844695) immunohistochemistry analysis in formalin fixed and paraffin embedded stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DFNB31 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of lysate from human kidney tissue lysate, using DFNB31 Antibody (Center) (ABIN655065 and ABIN2844695). (ABIN655065 and ABIN2844695) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.