Datasheet for ABIN2782489

anti-DFNA5 antibody (C-Term)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	DFNA5
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DFNA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DFNA5
Sequence:	AALLGTCCKL QIIPTLCHLL RALSDDGVSD LEDPTLTPLK DTERFGIVQR
Predicted Reactivity:	Cow: 85%, Dog: 77%, Guinea Pig: 83%, Human: 100%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against DFNA5. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	DFNA5
Alternative Name:	DFNA5 (DFNA5 Products)

Target Details

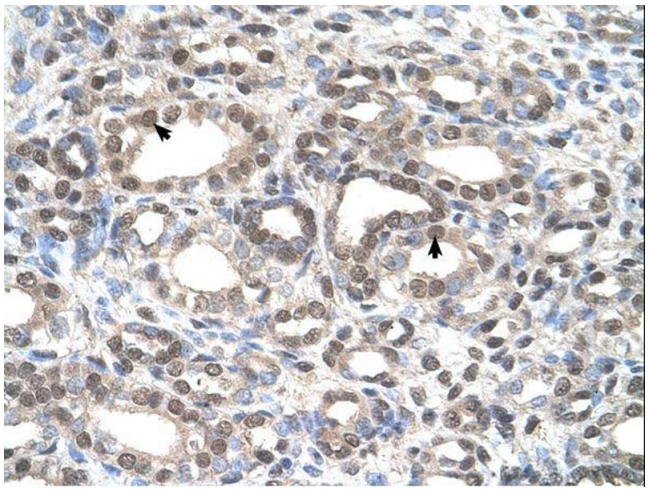
Background:	Hearing impairment is a heterogeneous condition with over 40 loci described. DFNA5 is expressed in fetal cochlea, however, its function is not known. Nonsyndromic hearing impairment is associated with a mutation in its gene. Alias Symbols: ICERE-1 Protein Interaction Partner: UBC, EGFR, PTN, Protein Size: 437
Molecular Weight:	47 kDa
Gene ID:	1687
NCBI Accession:	NM_001127453
UniProt:	A4FVA8
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 437 AA
Restrictions:	For Research Use only

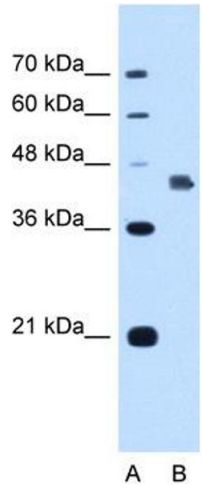
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



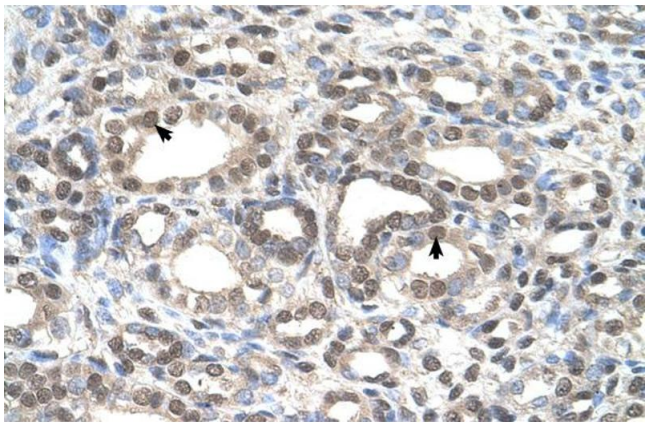
Immunohistochemistry

Image 1.



Western Blotting

Image 2. WB Suggested Anti-DFNA5 Antibody Titration: 1.25 ug/ml Positive Control: HepG2 cell lysate DFNA5 is supported by BioGPS gene expression data to be expressed in HepG2



Immunohistochemistry

Image 3. Human kidney

