

Datasheet for ABIN357095  
**anti-GJB6 antibody (N-Term)**

## 3 Images

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## Overview

Quantity:	0.4 mL
Target:	GJB6
Binding Specificity:	AA 95-124, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJB6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 95~124 amino acids from the N-terminal region of Human GJB6.
Isotype:	Ig Fraction
Specificity:	This antibody detects GJB6 at N-term.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

## Target Details

Target:	GJB6
Alternative Name:	GJB6 / Cx30 ( <a href="#">GJB6 Products</a> )

## Target Details

Background:	Gap junctions are conduits that allow the direct cell-to-cell passage of small cytoplasmic molecules, including ions, metabolic intermediates, and second messengers, and thereby mediate intercellular metabolic and electrical communication. Gap junction channels consist of connexin protein subunits, which are encoded by a multigene family. GJBs (gap-junction proteins or connexins) play crucial functional roles associated with these channels. Mutations in GJB2 are associated with genetically derived hearing impairments, including autosomal dominant, bilateral, middle to high frequency hearing loss. Synonyms: Connexin-30, Gap junction beta-6 protein
Molecular Weight:	30387 Da
Gene ID:	10804, 9606
UniProt:	<a href="#">O95452</a>
Pathways:	<a href="#">Sensory Perception of Sound</a>

## Application Details

Application Notes:	ELISA 1: 1,000. Immunohistochemistry 1: 50 - 1: 100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

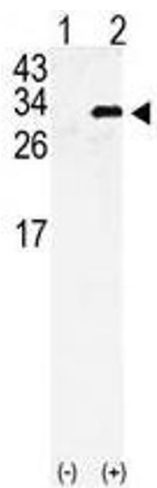


Image 1.

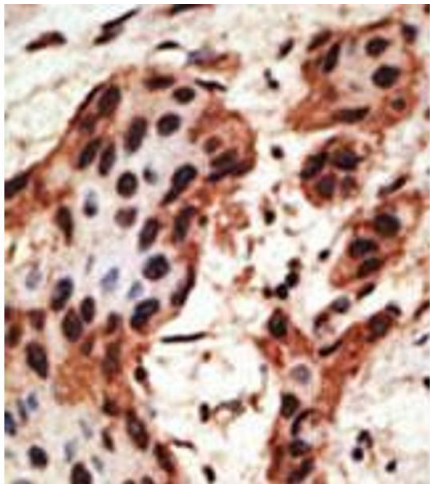


Image 2.

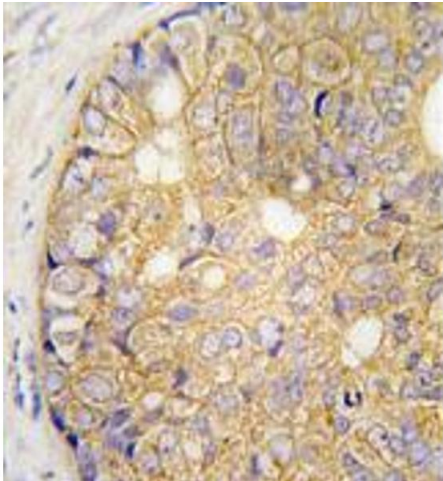


Image 3.