

Datasheet for ABIN6266215  
**anti-Connexin 31 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	Connexin 31 (GJB3)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Connexin 31 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	A synthesized peptide derived from human GJB3, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	GJB3 Antibody detects endogenous levels of total GJB3.
Predicted Reactivity:	Pig,Bovine,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	Connexin 31 (GJB3)
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## Target Details

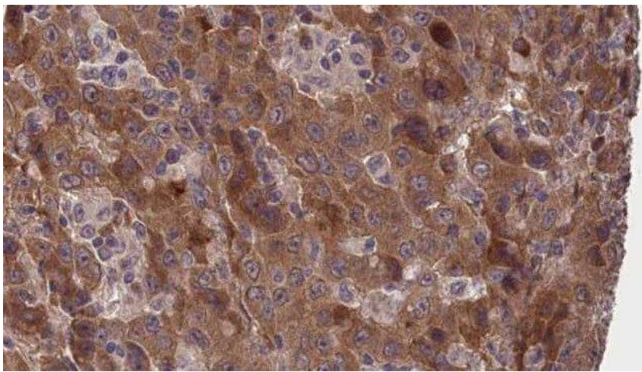
Alternative Name:	GJB3 ( <a href="#">GJB3 Products</a> )
Background:	Description: One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell. Gene: GJB3
Molecular Weight:	31kDa
Gene ID:	2707
UniProt:	<a href="#">O75712</a>
Pathways:	<a href="#">Sensory Perception of Sound</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:100, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

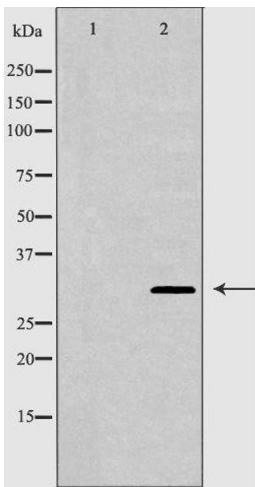
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunohistochemistry

**Image 1.** ABIN6277373 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

**Image 2.** Western blot analysis of extracts of Mouse brain tissue lysate, using GJB3 antibody. The lane on the left is treated with the antigen-specific peptide.