

[Go to Product page](#)

Datasheet for ABIN200660 **anti-GJA3 antibody (Internal Region)**

Overview

Quantity:	100 µg
Target:	GJA3
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Synthetic peptide derived from an internal region of the mouse Connexin 46 protein. Type of Immunogen: Synthetic peptide
Specificity:	Recognizes mouse Connexin 46 protein. Species sequence homology: rat, Chinese hamster and Golden Hamster.
Purification:	Immunoaffinity purified

Target Details

Target:	GJA3
Alternative Name:	GJA3 / CX46 / Connexin 46 (GJA3 Products)

Target Details

Background:	Name/Gene ID: GJA3
	Subfamily: Connexin
	Family: Ion Channel
	Synonyms: GJA3, Connexin-46, CX46, CZP3, Gap junction alpha-3 protein, Gap junction protein alpha 3, CAE3, Connexin 46
Gene ID:	2700
UniProt:	Q9Y6H8

Application Details

Application Notes:	Approved: IF (3 µg/mL), IHC, IHC-Fr, WB (1 - 3 µg/mL)
	Usage: Suitable for use in Immunohistochemistry, Western Blot and Immunofluorescence. Immunohistochemistry (Frozen): 3 µg/mL. Western Blot: 1-3 µg/mL. Identifies a single band at ~46kD. Immunofluorescence: 3 µg/mL. Note: For IHC, mice were perfused transcardially with 3 mL pre-fixative (50 mM phosphate buffer, 0.1 % sodium nitrite, 1 unit/mL heparin), followed by 40 mL fixative (0.16M sodium phosphate buffer, pH 7.6, 0.2 % picric acid, and 1-, 2-, or 4 % paraformaldehyde), and perfusion with 10 mL sucrose wash (10 % sucrose in 25 mM sodium phosphate buffer, pH 7.4. Tissues were then stored in cryoprotectant (10 % sucrose, 25 mM phosphate buffer, pH 7.4, 0.04 % sodium azide) for a minimum of 24 hours prior to sectioning.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % 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.
Handling Advice:	Avoid repeat freeze-thaw cycles.

Handling

Storage: 4 °C, -20 °C

Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.