

Datasheet for ABIN7043200
anti-GJA4 antibody (Intracellular)

2 Images

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Overview

Quantity:	25 µL
Target:	GJA4
Binding Specificity:	AA 131-144, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJA4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)EHQMAKISVAEDGR, corresponding to amino acid residues 131-144 of rat Connexin-37
Isotype:	IgG
Characteristics:	Anti-Connexin-37 Antibody is directed against an epitope of rat Connexin-37. Anti-Connexin-37 Antibody (ABIN7043200, ABIN7044081 and ABIN7044082)) can be used in western blot analysis. It has been designed to recognize Cx37 from rat, mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

Target:	GJA4
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Target Details

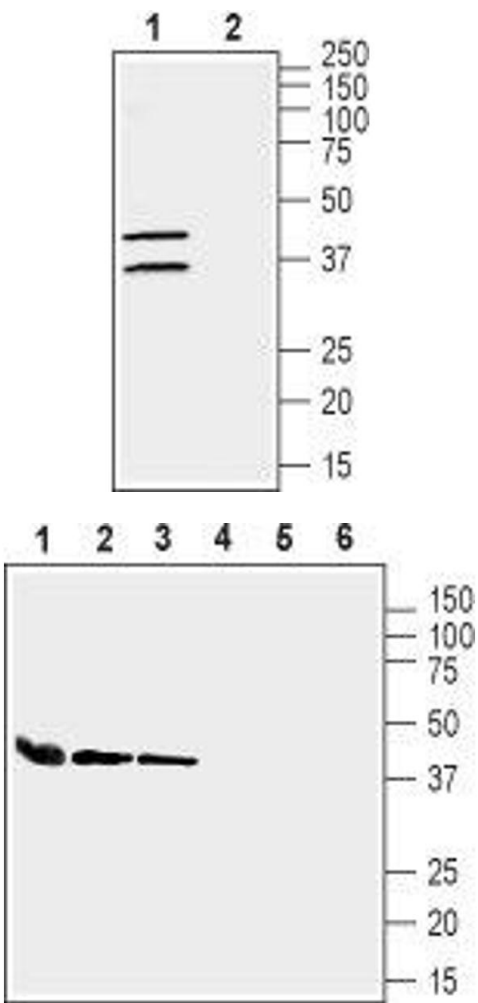
Alternative Name:	Connexin-37 (GJA4 Products)
Background:	Alternative names: Connexin-37, CX37, Gap junction alpha4 protein, GJA4
Gene ID:	25655
NCBI Accession:	NM_002060
UniProt:	Q03190
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of human MCF-7 breast adenocarcinoma cell lysate: - 1. Anti-Connexin-37 Antibody (ABIN7043200, ABIN7044081 and ABIN7044082), (1:200).2. Anti-Connexin-37 Antibody, preincubated with Connexin-37 Blocking Peptide (#BLP-CC204).

Western Blotting

Image 2. Western blot analysis of mouse heart lysate (lanes 1 and 4), rat lung membranes (lanes 2 and 5) and mouse lung lysate (lanes 3 and 6): - 1-3. Anti-Connexin-37 Antibody (ABIN7043200, ABIN7044081 and ABIN7044082), (1:400).4-6. Anti-Connexin-37 Antibody, preincubated with Connexin-37 Blocking Peptide (#BLP-CC204).