Anti- Connexin 43 Polyclonal Antibody

Catalog No.	Size
A300034-01	50 µl
A300034-02	100 µl

EARTH OX

Specificity	Anti- Connexin 43 (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC IF
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P17302

Other Names: CX43, CXA1, CXN-43, GJA1, Gap junction 43 kDa heart protein, Gap junction alpha-1 protein

Specificity and Sensitivity

Connexin 43 antibody detects endogenous levels of total Connexin 43 protein.

Source and Purification

The antiserum was produced against synthesized peptide derived from human Connexin 43.

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000   IHC: 1:50~1:100
IF: 1:100~1:500   ELISA: 1:10000

Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images
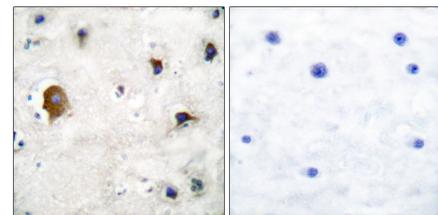
Peptide   -   +

Immunohistochemical analysis of paraffin-embedded human brain tissue, using Connexin 43 antibody.
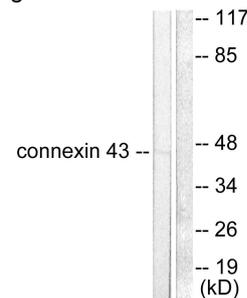
Western blot analysis of extracts from A549 cells, using Connexin 43 antibody.

Related Products

PW001: Super ECL Assay kit
E030120 : HRP, Goat Anti-Rabbit IgG(H+L)
E030220 : AP, Goat Anti-Rabbit IgG(H+L)
E021010: Anti-GAPDH Mouse Monoclonal Antibody
E021020: Anti-beta Actin Mouse Monoclonal Antibody
E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP