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Anti-Connexin 37 Antibody

Catalog # AP60007

Product Information

Application	WB, IF/IC
Primary Accession	P35212
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37414

Additional Information

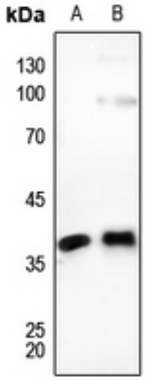
Gene ID	2701
Other Names	Gap junction alpha-4 protein; Connexin-37; Cx37
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Connexin 37. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

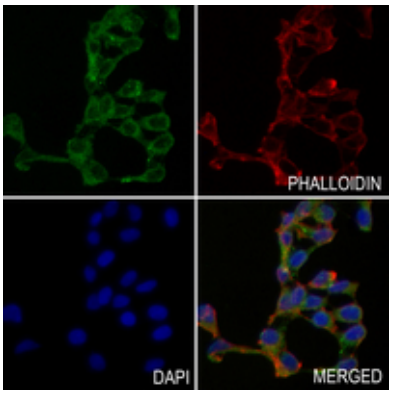
Name	GJA4
Function	One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.
Cellular Location	Cell membrane; Multi-pass membrane protein. Cell junction, gap junction
Tissue Location	Expressed in multiple organs and tissues, including heart, uterus, ovary, and blood vessel endothelium

Images

Western blot analysis of Connexin 37 expression in HEK293T (A), Hela (B) whole cell lysates. (Predicted band



size: 37 kD; Observed band size: 37 kD)



Immunofluorescent analysis of Connexin 37 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.