

## Anti-Connexin 43/CX43 Rabbit pAb



WL02837

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-Connexin 43/CX43 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:1000-1:2000
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

**Background** This Connexin 43/GJA1 is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. The encoded protein is the major protein of gap junctions in the heart that are thought to have a crucial role in the synchronized contraction of the heart and in embryonic development.

**Immunogen** Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Connexin 43/CX43.

**Purification** Polyclonal antibody was purified by protein A affinity chromatography.

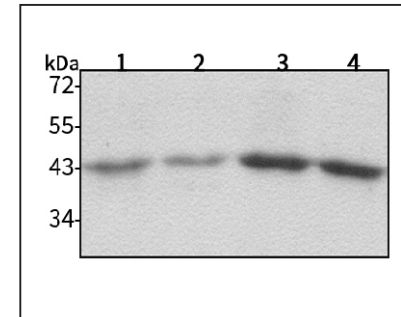
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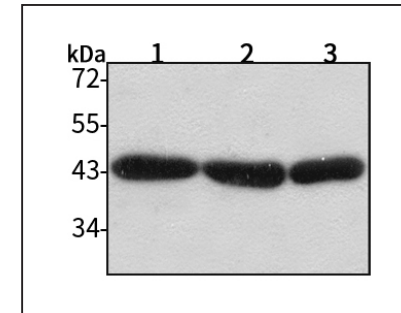
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## Product Images



Western blot-Anti-Connexin 43/CX43 pAb

Lane 1: Human HeLa cell lysate  
 Lane 2: Human BGC-823 cell lysate  
 Lane 3: Human MGC-803 cell lysate  
 Lane 4: Human SGC-7901 cell lysate  
 All lanes: Anti-Connexin 43/CX43 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 43 kDa  
 Observed band size: 43 kDa



Western blot-Anti-Connexin 43/CX43 pAb

Lane 1: Mouse brain tissue lysate  
 Lane 2: Mouse cerebellum tissue lysate  
 Lane 3: Rat ridge tissue lysate  
 All lanes: Anti-Connexin 43/CX43 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 43 kDa  
 Observed band size: 43 kDa