



RABBIT ANTI-PHOSPHO-CONNEXIN 43 (SER368) POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB3841	QUANTITY:	100 µL
LOT NUMBER:		HOST/ISOTYPE:	Rabbit
SPECIFICITY:	Recognizes Ser368 phosphorylated Connexin 43. Connexin 43 (Cx43) is a member of the large family of gap junction proteins. Connexins assemble as a hexamer and are transported to the plasma membrane to create a hemichannel that can associate with hemichannels on nearby cells to create cell-to-cell channels. Clusters of these channels assemble to make gap junctions. Gap-junction communication is important in development and regulation of cell growth.		
APPLICATIONS:	Western blotting 1:1,000 (for best results, incubate membrane with diluted antibody in 5% BSA, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight) Optimal working dilutions must be determined by the end user.		
SPECIES REACTIVITY:	Reacts with human, monkey, mouse, hamster, and rat.		
IMMUNOGEN:	KLH-conjugated, synthetic phospho-peptide corresponding to residues surrounding Ser368 of human Connexin 43.		
PRESENTATION:	Protein A and peptide affinity purified immunoglobulin. Liquid in 10 mM sodium HEPES, pH 7.5, 150 mM NaCl, 100 µg/mL BSA, with 50% glycerol.		
STORAGE/HANDLING:	Maintain at -20°C for 12 months, do not aliquot.		

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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