

Rabbit Connexin 47 Polyclonal Antibody | anti-Cx47 antibody

Anti-Connexin 47 Antibody

CATALOG # AAA264389	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

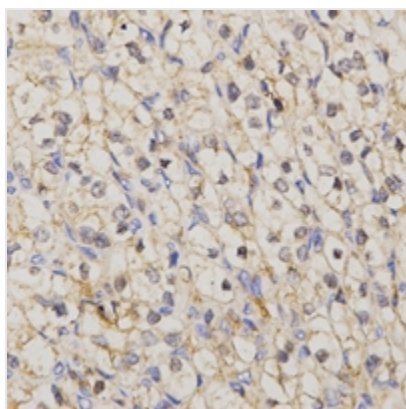
PRODUCT SYNONYMS

Connexin 47; Polyclonal Antibody; Anti-Connexin 47 Antibody; GJA12; Gap junction gamma-2 protein; Connexin-46.6; Cx46.6; Connexin-47; Gap junction alpha-12 protein; anti-Cx47 antibody

PRODUCT SPECIFICATIONS

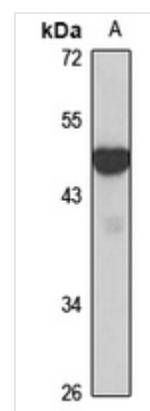
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Connexin 47 protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-Cx47 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide of human Connexin 47. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20°C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Connexin 47 staining in human kidney cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Connexin 47 expression in mouse brain (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-Cx47 antibody	Rabbit polyclonal antibody to Connexin 47
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	45439367
NCBI GeneID	57165
NCBI Accession #	NP_065168.2
NCBI GenBank Nucleotide #	NM_020435.3
UniProt Accession #	Q5T442; Q8BQU6; Q80XF7
NCBI Official Full Name	gap junction gamma-2 protein
NCBI Official Synonym Full Names	gap junction protein, gamma 2, 47kDa
NCBI Official Symbol	GJC2
NCBI Official Synonym Symbols	Cx47; HLD2; GJA12; SPG44; CX46.6; LMPH1C; PMLDAR
NCBI Protein Information	gap junction gamma-2 protein; connexin-47; connexin-46.6; gap junction alpha-12 protein
UniProt Protein Name	Gap junction gamma-2 protein
UniProt Gene Name	GJC2
UniProt Synonym Gene Names	GJA12; Cx46.6; Cx47
UniProt Entry Name	CXG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.