

Rabbit anti-Rat Connexin 31 (CX31) Polyclonal Antibody | anti-CX31 antibody

Polyclonal Antibody to Connexin 31 (CX31)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133447	Rabbit	Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Connexin 31 (CX31); Polyclonal Antibody; Polyclonal Antibody to Connexin 31 (CX31); anti-CX31 antibody

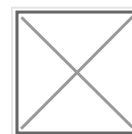
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CX31. It has been selected for its ability to recognize CX31 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and its sequence is listed below. MRNK KFELGLEFPN LPYYIDGDVK LTQSMALIRY IADKHNMLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF EDRCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMLCLDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAAK FERQHMDSPD LGTLEVLFGQ PLGSEF-IFH RIMRGLSKDK STKSISSPKS SSRASTCRCH HKLLESGDLE AVPADDKLQA SAPSLTPI
Sequence Length	270
Applicable Applications for anti-CX31 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CX31 (Ile210-Ile270) expressed in E.coli.
Cross Reactivity	Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P. Samples: Rat Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3982600
NCBI GeneID	2707
UniProt Accession #	O75712; Q2TAZ8; B2R790
Molecular Weight	30,818 Da
NCBI Official Full Name	connexin 31
NCBI Official Synonym Full Names	gap junction protein, beta 3, 31kDa
NCBI Official Symbol	GJB3
NCBI Official Synonym Symbols	EKV; CX31; DFNA2; DFNA2B
NCBI Protein Information	gap junction beta-3 protein; connexin 31; connexin-31
UniProt Protein Name	Gap junction beta-3 protein
UniProt Gene Name	GJB3
UniProt Synonym Gene Names	CX31; Cx31
UniProt Entry Name	CXB3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/connexin-31-cx31-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133447>