

Rabbit anti-Human GJB7 Polyclonal Antibody | anti-GJB7 antibody

GJB7 Antibody

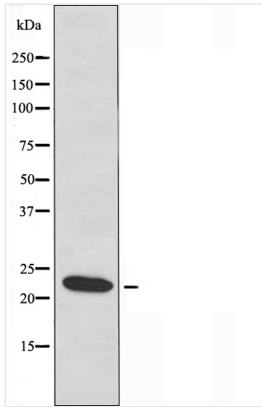
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324748	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

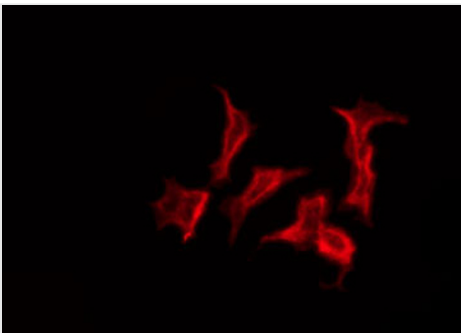
GJB7; Polyclonal Antibody; GJB7 Antibody; Connexin-25; Cx25; CXB7_HUMAN; Gap junction beta-7 protein; anti-GJB7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GJB7 antibody detects endogenous levels of total GJB7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	223
Applicable Applications for anti-GJB7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane. Cell Junction > Gap Junction.
Tissue Specificity	Weakly expressed in placenta.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HT-29 cells, using GJB7 antibody.



IF (Immunofluorescence)
AAA324748 staining HT29 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GJB7 antibody	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. Subunit Structure: A connexon is composed of a hexamer of connexins. Similarity: Belongs to the connexin family. Beta-type (group I) subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38348412
NCBI GeneID	375519
NCBI Accession #	NP_940970.1
NCBI GenBank Nucleotide #	NM_198568.2
UniProt Accession #	Q6PEY0; Q96KP0; B3KXL0
Molecular Weight	Observed: 24 kD Predicted: 26 kDa
NCBI Official Full Name	gap junction beta-7 protein
NCBI Official Synonym Full Names	gap junction protein beta 7
NCBI Official Symbol	GJB7
NCBI Official Synonym Symbols	CX25; bA136M9.1; connexin25
NCBI Protein Information	gap junction beta-7 protein
UniProt Protein Name	Gap junction beta-7 protein
UniProt Gene Name	GJB7
UniProt Synonym Gene Names	CX25; Cx25

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.