

Gja8 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12161**Specification**

Gja8 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P28236
Other Accession	NM_008123 , NP_032149
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Sheep, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted Host	Mouse, Rat, Pig, Chicken, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 49kDa KDa

Gja8 antibody - N-terminal region - Additional Information**Gene ID** 14616**Alias Symbol** **Aey5, Cnx50, Cx50, Lop10**
Other Names
Gap junction alpha-8 protein, Connexin-50, Cx50, Lens fiber protein MP70, Gja8**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Gja8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Gja8 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Gja8 antibody - N-terminal region - Protein Information**Name** Gja8**Function**

Structural component of eye lens gap junctions (PubMed:1325220). Gap junctions are dodecameric channels that connect the cytoplasm of adjoining cells. They are formed by the docking of two hexameric hemichannels, one from each cell membrane (By similarity). Small molecules and ions diffuse from one cell to a neighboring cell via the central pore (PubMed:1325220).

Cellular Location

Cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:P55917}. Cell junction, gap junction

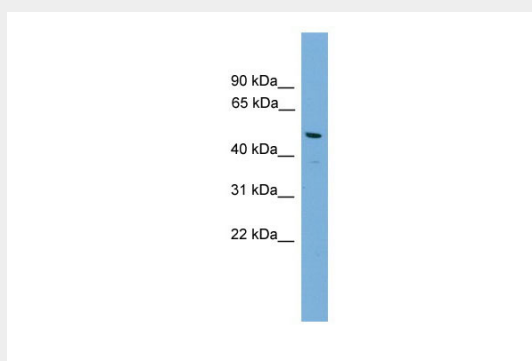
Tissue Location

Detected in eye lens (at protein level). Eye lens.

Gja8 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Gja8 antibody - N-terminal region - Images

WB Suggested Anti-Gja8 Antibody Titration: 0.2-1 μ g/ml
Positive Control: Mouse Uterus