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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	**Mouse, Rat, Pig, Chicken, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**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).

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

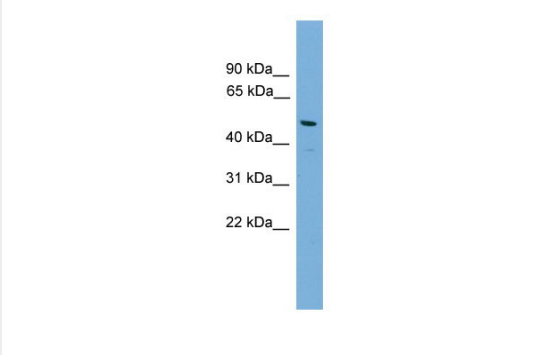
Tissue Location
Detected in eye lens (at protein level). Eye lens.

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 Cytomety
- Cell Culture

Gja8 antibody - N-terminal region - Images



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