

# Gja8 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12161

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P28236</a>
<b>Other Accession</b>	<a href="#">NM_008123</a> , <a href="#">NP_032149</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine, Sheep, Yeast
<b>Predicted Host</b>	Mouse, Rat, Pig, Chicken, Dog, Bovine
<b>Clonality</b>	Rabbit
<b>Calculated MW</b>	Polyclonal 49598

## Additional Information

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<b>Gene ID</b>	14616
<b>Alias Symbol</b>	Aey5, Cnx50, Cx50, Lop10
<b>Other Names</b>	Gap junction alpha-8 protein, Connexin-50, Cx50, Lens fiber protein MP70, Gja8
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	Gja8 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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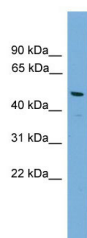
<b>Name</b>	Gja8
<b>Function</b>	Structural component of eye lens gap junctions (PubMed: <a href="#">1325220</a> ). Gap junctions are dodecameric channels that connect the cytoplasm of adjoining cells. They are formed by the docking of two hexameric hemichannels, one from each cell membrane (By similarity). Small molecules and ions diffuse from one cell to a neighboring cell via the central pore (PubMed: <a href="#">1325220</a> ).
<b>Cellular Location</b>	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.

## Images

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.