10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Gja8 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12161

Product Information

Application	WB
Primary Accession	P28236
Other Accession	NM_008123, NP_032149
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine, Sheep, Yeast
Predicted	Mouse, Rat, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49598

Additional Information

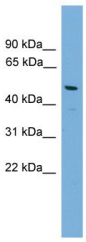
Gene ID	14616
Alias Symbol	Aey5, Cnx50, Cx50, Lop10
Other Names	Gap junction alpha-8 protein, Connexin-50, Cx50, Lens fiber protein MP70, Gja8
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. 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.

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.

Images



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'.