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Datasheet for ABIN2775598  
**anti-GJa10 antibody (N-Term)**

1 Image

Overview

Quantity:	100 µL
Target:	GJa10
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Pig, Rabbit, Dog, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJa10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	MGDWNLLGGI LEEVHSHSTI VGKIWLTLIF IFRMLVLGVA AEDVWDDEQS
Predicted Reactivity:	Cow: 93%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against Gja10. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GJa10
Alternative Name:	Gja10 ( <a href="#">GJa10 Products</a> )

## Target Details

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Background:	<p>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. Gja10 is involved in tracer coupling between horizontal cells of the retina. Gja10 may play a role in the regulation of horizontal cell patterning.</p> <p>Alias Symbols: Cx-57, Cx59</p> <p>Protein Size: 505</p>
Molecular Weight:	57 kDa
Gene ID:	14610
NCBI Accession:	<a href="#">NM_010289</a> , <a href="#">NP_034419</a>
UniProt:	<a href="#">Q9WUS4</a>

## Application Details

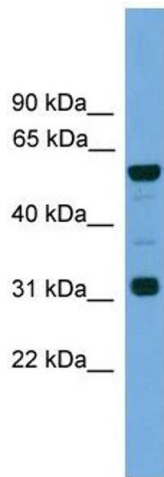
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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 505 AA
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

**Image 1.** WB Suggested Anti-Gja10 Antibody Titration: 0.2-1 ug/ml Positive Control: Mouse Heart