

# Ab1-aqp1a.1

Antibody Name:	Ab1-aqp1a.1 from the <a href="#">ZFIN antibody database</a> .
Other names, clone ids, catalog ids etc.	aqp1a.1
Antibody Registry ID.	
Does it work on zebrafish?	yes
Host organism	
Immunogen organism	
Antibody isotype	
Antibody type	polyclonal
Anatomical structures recognized (use terms from the <a href="#">ZFIN Anatomical Ontology</a> )	ball integument ionocyte; brain; dorsal longitudinal anastomotic vessel nucleate erythrocyte; eye; gill; heart; integument ionocyte basolateral plasma membrane; intersegmental vessel nucleate erythrocyte; nucleate erythrocyte; pectoral artery; swim bladder; whole organism
Recognized target molecules (gene names, domains, epitopes ...)	<i>aqp1a.1</i>
Suppliers	

## Assays Tested

Assay	Prep	Worked	Notes
immunohistochemistry		yes	from <a href="#">ZFIN curation</a>
western blot		yes	from <a href="#">ZFIN curation</a>

## Notes

- Imported from ZFIN Antibody page [Ab1-aqp1a.1](#)
- Immunogen sequence is VNGPDDVPAVEMSSK; it has 87% identity with zebrafish AQP1a1 over the corresponding region of the C-terminal; the antibody was a kind gift from Dr G. Cramb, University of St. Andrews, Scotland. (Talbot, K., Kwong, R.W., Gilmour, K.M., Perry, S.F.)
- [Citations for Ab1-aqp1a.1 at ZFIN](#)