

# Ab1-asic4b

Antibody Name:	<a href="#">Ab1-asic4b</a> from the <a href="#">ZFIN antibody database</a> .
Other names, clone ids, catalog ids etc.	anti-zASIC4.2 , anti-zebrafish ASIC4b , <a href="#">asic4b</a>
Antibody Registry ID.	
Does it work on zebrafish?	yes
Host organism	Rabbit
Immunogen organism	Zebrafish
Antibody isotype	
Antibody type	polyclonal
Anatomical structures recognized (use terms from the <a href="#">ZFIN Anatomical Ontology</a> )	<a href="#">gill</a> ; <a href="#">gill filament vH ionocyte</a> ; <a href="#">gill lamella</a> ; <a href="#">vH ionocyte</a>
Recognized target molecules (gene names, domains, epitopes ...)	<a href="#">asic4b</a>
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-asic4b](#)
- An anti-zebrafish ASIC4b (zASIC4.2) polyclonal antibody against two peptides corresponding to regions near the NH2 terminus (aa 146-160; PKSRKGHRPSELQYP) and the COOH terminus (aa 519-533; CFEEVKVKAANDVAQP) of ASIC4.2 protein (accession no. Q708S3.1) was custom-made by 21st Century Biochemicals (Marlboro, MA). The polyserum was affinity-purified against each of these peptides independently. ([Dymowska, A.K.](#), [Schultz, A.G.](#), [Blair, S.D.](#), [Chamot, D.](#), [Goss, G.G.](#))
- [Citations for Ab1-asic4b at ZFIN](#)