

Ab1-asic4b

Antibody Name:	Ab1-asic4b from the ZFIN antibody database .
Other names, clone ids, catalog ids etc.	anti-zASIC4.2 , anti-zebrafish ASIC4b , asic4b
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 ZFIN Anatomical Ontology)	gill ; gill filament vH ionocyte ; gill lamella ; vH ionocyte
Recognized target molecules (gene names, domains, epitopes ...)	asic4b
Suppliers	

Assays Tested

Assay	Prep	Worked	Notes
immunohistochemistry		yes	from ZFIN curation
western blot		yes	from ZFIN curation

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](#)