

Ab1-casr

Antibody Name:	Ab1-casr from the ZFIN antibody database .
Other names, clone ids, catalog ids etc.	anti-casr , casr
Antibody Registry ID.	
Does it work on zebrafish?	yes
Host organism	Rabbit
Immunogen organism	
Antibody isotype	
Antibody type	polyclonal
Anatomical structures recognized (use terms from the ZFIN Anatomical Ontology)	caudal fin neuromast; corpuscles of Stannius; head neuromast; olfactory epithelium; posterior lateral line neuromast basolateral plasma membrane; posterior lateral line neuromast stereocilium; yolk syncytial layer integument ionocyte
Recognized target molecules (gene names, domains, epitopes ...)	<i>casr</i>
Suppliers	

Assays Tested

Assay	Prep	Worked	Notes
immunohistochemistry		yes	from ZFIN curation

Notes

- Imported from ZFIN Antibody page [Ab1-casr](#)
- Herberger et al., 2013 : anti-CaSR polyclonal antibody (VA612) that was earlier developed against Mozambique tilapia (*Oreochromis mossambicus*) CaSR (Loretz et al., 2004). The polypeptide epitope for the VA612 antiserum (tilapia CaSR amino acid residues 46–60; SKDQDLAARPESTQC) differed from the corresponding 15-amino acid sequence in zebrafish (residues 50–64; SKDQDLAARPESTEC) by only a single amino acid residue (Gln59 in tilapia CaSR corresponding in position to Glu63 in zebrafish CaSR). ([Herberger, A.L.](#), and [Loretz, C.A.](#))
- [Citations for Ab1-casr at ZFIN](#)