

## Anti-Zebrafish PSMA5 Antibody Picoband® HRP Conjugated

Catalog Number: AZQ6TGV6-HRP

### About PSMA5

Proteasome subunit alpha type-5 also known as 20S proteasome subunit alpha-5 is a protein that in humans is encoded by the PSMA5 gene. The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Multiple alternatively spliced transcript variants encoding two distinct isoforms have been found for this gene.

### Overview

Product Name	Anti-Zebrafish PSMA5 Antibody Picoband® HRP Conjugated
Reactive Species	Zebrafish
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q6TGV6

### Technical Details

Immunogen	E.coli-derived zebrafish PSMA5 recombinant protein (Position: M1-I241).
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP

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