

Anti-Zebrafish C9orf72 Antibody Picoband® HRP Conjugated

Catalog Number: AZQ6TLH8-HRP

About C9ORF72

C9orf72 (chromosome 9 open reading frame 72) is a protein which in humans is encoded by the gene C9orf72. It is mapped to 9p21.2. The protein encoded by this gene plays an important role in the regulation of endosomal trafficking, and has been shown to interact with Rab proteins that are involved in autophagy and endocytic transport. Expansion of a GGGGCC repeat from 2-22 copies to 700-1600 copies in the intronic sequence between alternate 5' exons in transcripts from this gene is associated with 9p-linked ALS (amyotrophic lateral sclerosis) and FTD (frontotemporal dementia) (PMID: 21944778, 21944779). Studies suggest that hexanucleotide expansions could result in the selective stabilization of repeat-containing pre-mRNA, and the accumulation of insoluble dipeptide repeat protein aggregates that could be pathogenic in FTD-ALS patients (PMID: 23393093). Alternative splicing results in multiple transcript variants encoding different isoforms.

Overview

| | |
|----------------------|---|
| Product Name | Anti-Zebrafish C9orf72 Antibody Picoband® HRP Conjugated |
| Reactive Species | Zebrafish |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | Q6TLH8 |

Technical Details

| | |
|---------------|---|
| Immunogen | E.coli-derived zebrafish C9orf72 recombinant protein (Position: R40-E77). |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | HRP |

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Zebrafish C9orf72 Antibody - HRP

For Research Use Only. Not for use in diagnostic procedures.